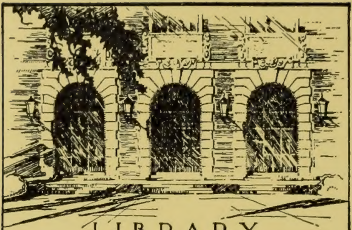

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THE CATALOGUE

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OF

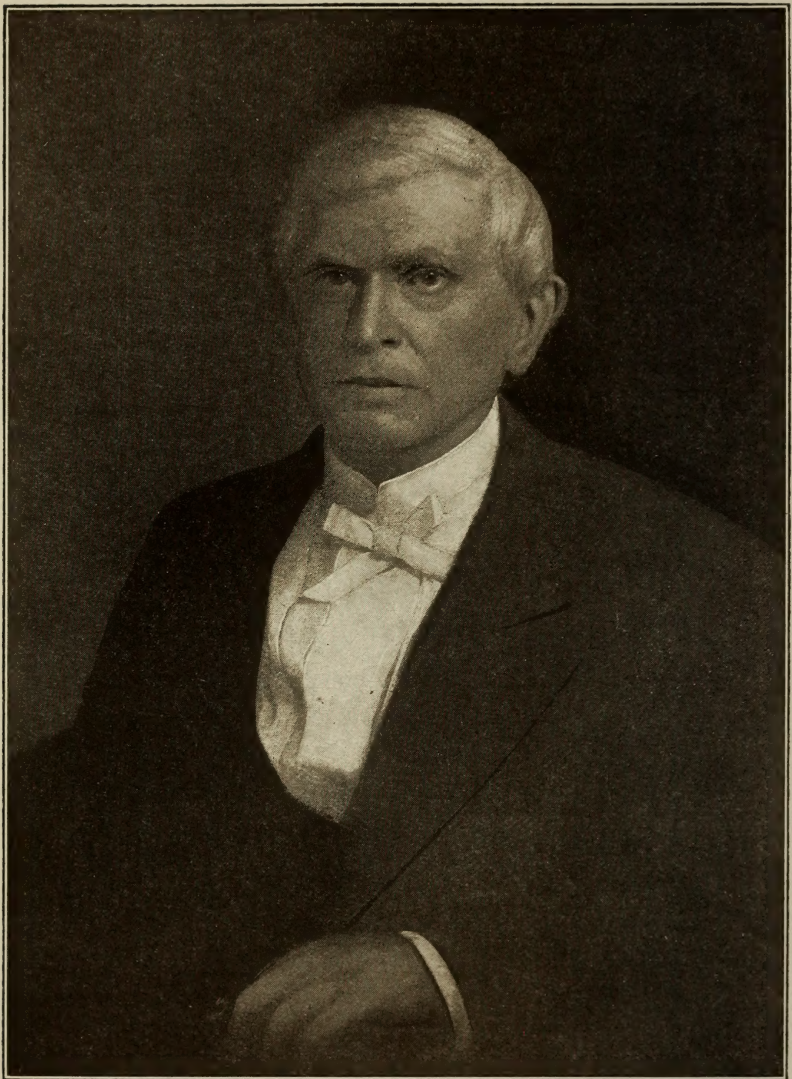
Simpson College

Twelfth Series QUARTERLY BULLETIN Number 4

May, 1911

MATTHEW SIMPSON

INDIANOLA, IOWA
PUBLISHED BY THE COLLEGE



BISHOP MATTHEW SIMPSON
BORN JUNE 20, 1811

BISHOP SIMPSON

LIBRARY OF THE UNIVERSITY OF ILLINOIS.

BORN JUNE 20, 1811

IN THE Rockies or the Swiss Alps, the traveler learns to know a few mountain peaks which rise so pre-eminently above their fellows about them that they seem always to dwell in the light of day. Long after the valleys and foothills are wrapped in the shadows, they still bathe themselves in the golden light of the setting sun. And in the early morning hours, before the day is born in the east, their altar fires glow while yet the valleys and plains sleep.

On the landscape of human life there are the mountain-peak men—unique and alone in their greatness, yet standing in the very midst of their fellows and serving with them. Among the leaders of religious thought and activity in America a generation ago, none stands forth more conspicuously than Bishop Matthew Simpson. Born among the pioneers of Ohio, he won his education as the early settler wins his lands from the forest. He entered the ministry of the Methodist Episcopal Church at a time when the demands of that ministry were for men who were not afraid of forests without roads and streams without bridges. His early parish, with its two hundred miles and thirty-six preaching places was a great apprenticeship for the big things that lay before him.

As a circuit-rider, city pastor, college professor, college president, editor, and bishop, he showed the diversity of his genius and the ruggedness of his strength. But above all he was a preacher and a great preacher — a master in the art of finished and forceful extemporaneous speech. Those who have heard him confess to the magic of his oratory. None excelled him, and only one or two other names deserve to be placed beside his as peers in the power he wielded from the pulpit.

During the decade preceding the war Bishop Simpson traveled continuously through the Middle West fulfilling his duties as a General Superintendent of the Church. He crossed Iowa many times and by his eloquence and the strength of his personality left a deep impression upon early Iowa Methodism. When, therefore, in the year 1867, the Methodists of the Des Moines Conference decided to raise their little academy at Indianola to the rank of a college, they named it Simpson Centenary College, in honor of the great preacher and leader the Middle West had developed, and also in commemoration of the centennial of American Methodism. And Simpson College it remains to this day.

It is altogether fitting that in this year, the centennial of his birth, we should refresh our memories concerning the great and good man whose name we bear. God used Matthew Simpson for the accomplishing of large things for His Kingdom. In its past history, Simpson College has not been unworthy of his name, and that the college may serve with increasing strength and effectiveness in the great cause of Christian Education is the hope and prayer of those who love her.

QUARTERLY BULLETIN
OF SIMPSON COLLEGE

Series 12 MAY, 1911 No. 4

Published by the College in the months of November, January, March and May of the college year. Entered at the Post Office at Indianola, Iowa, as second-class matter.

The Catalogue

1911-1912

1. COLLEGE OF LIBERAL ARTS
2. ACADEMY
3. CONSERVATORY OF MUSIC
4. SCHOOL OF BUSINESS

INDIANOLA, IOWA

CALENDAR OF COLLEGE EVENTS.

1911-1912.

January 3.	*Tuesday*, 10 A. M., Department Registration.
January 4.	*Wednesday*, 8 A. M., Holiday Recess closes.
January 26.	*Thursday*, Day of Prayer for Colleges.
January 31.	*Tuesday*, 3:25 P. M., First Semester closes.
February 1.	*Wednesday*, 9 A. M., Registration for Second Semester.
February 2.	*Thursday*, 8 A. M., Second Semester begins.
February 24.	*Friday*, Founders' and Benefactors' Day.
March 31.	*Friday*, Easter Recess.
April 3.	*Monday*, 8 A. M., Fourth Term begins.
June 4.	*Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 4.	*Sunday*, 3 P. M., Students' Love Feast Service.
June 4.	*Sunday*, 8 P. M., Annual Sermon.
June 6.	*Tuesday*, 10 A. M., Annual Meeting of the Board of Trustees.
June 8.	*Thursday*, 9 A. M., Commencement.
June 12.	Summer School begins.
July 21.	Summer School closes.
September 11.	*Monday*, Registration begins.
September 12.	*Tuesday*, Registration continues
September 12.	*Tuesday*, 8 P. M., Fall Convocation.
September 13.	*Wednesday*, 8 A. M., Recitations begin.
October 24.	*Tuesday*, College Missionary Day.
November 23.	*Thursday and Friday*, Thanksgiving Holiday.
December 20.	Holiday recess begins.
January 3, '12.	Holiday recess ends.
January 11.	Day of Prayer for Colleges.
February 1.	*Thursday*, 3:30 P. M., 1st Semester closes.
February 6.	*Tuesday*, 8:00 A. M., 2nd Semester begins.
February 23.	Founders' and Benefactors' Day.
April 4.	*Thursday*, 3:30 P. M., Easter recess begins.
April 9.	*Tuesday*, 8:00 A. M., Easter recess ends.

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Boston University School of Theology.
Graduate Student Boston University.
Graduate Student Berlin University.
405 West Ashland Avenue.

WILLIAM M. DUDLEY, B. S., S. T. B.
Vice President and Financial Agent.
Iowa State College.
Garrett Biblical Institute.
508 North B. Street.

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Professor of Philosophy.
(On the Wm. Buxton Endowment of the Chair of Philosophy.)
Iowa Wesleyan College.
400 East Clinton Avenue.

JOHN L. TILTON, A. M., PH. D.
Professor of Geology and Physics.
Wesleyan University, Middletown, Conn.
Harvard University.
University of Chicago.
Member of Phi Beta Kappa. Fellow in Geology at the University of Chicago. Fellow of the American Association for the Advancement of Science, and of the Iowa Academy of Sciences.
405 North B. Street.

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Cornell College.
De Pauw University.
University of Chicago.
411 North B. Street.

MARY O. HUNTING, A. M.
Professor of Latin Language and Literature.
Alma College.
University of Michigan.
205 W. Detroit Avenue.

HILDEGARDE JEND, A. M.
Professor of German and French.
German Wallace College.
University of Michigan.
411 W. Ashland Avenue.

EDWIN A. JENNER, B. S., A. M.
Professor of Biology.
Simpson College.
State University of Iowa.
Fellow in Psychology at the University of Wisconsin.
Detroit Cor. North C. Street.

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*Dr. Hamilton retires at the close of this college year 1910-11. His successor has been named and will take up the work of the department in the fall.

JESSE A. BAKER, M. S.
Professor of Chemistry.
McMinnville College.
Denison University.
Detroit Cor. North C. Street.

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Simpson College.

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Albion College.
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Professor of History and Political Science.
Syracuse University.
Yale University.
Fellow of Clarke University, Mass.
405 W. Ashland Avenue.

ALLEN RUGGLES, A. M.
Professor of Education and Principal of Academy.
Wisconsin University.
Teachers' College of Columbia University, N. Y.

JOHN DUNN MARTIN, A. B.
Professor of Public Speaking. Registrar and Secretary to the Faculty.
Simpson College.
Cumnock School of Oratory.
512 N. A. Street.

LORA HAGLER, PH. B.
Dean of Women and Instructor in English Literature.
Simpson College.
Mary Berry Hall.

FRANK E. BARROWS.
Director of Conservatory of Music. Instructor in Piano, Pipe Organ and History of Music.
Oberlin Conservatory of Music and
Berlin, Germany.
301 N. Howard Street.

E. L. MILLER, B. C. S.
Principal of School of Business.
Tri-State Normal College.
210 W. Iowa Avenue.

INSTRUCTORS.

O. E. SMITH, M. S.
Instructor in History of Education and High School Methods.
708 W. Clinton Avenue.

E. H. CATLIN.
Instructor in Military Science and Tactics.
United States Military Academy.
Major of the United States Army, Retired.
N. C. Street.

Elizabeth Smith, A. B.
Instructor in English and Drawing.
708 W. Clinton Avenue.

Josephine McCleary, A. B.
Instructor in German and Latin.
E. 3rd Street.

Blanche Spurgeon, A. B.
Instructor in Shorthand and Typewriting; Assistant in School of Business
Cor. C. and Boston Avenue.

Grace Beam, A. B.
Instructor in Mathematics.

Carrie Van Gilder, A. B.
Instructor in Normal Methods.

John McKenzie Henderson.
Instructor in Voice Culture.

Everett Olive, Mus. B.
Instructor in Piano and Harmony.
Berlin, Germany.

M. Alice Barrows, Mus. B.
Instructor in Piano.
Berlin, Germany.

Charles Overholt.
Instructor in Violin.

Persis Heaton, Mus. B.
Instructor in Piano.

Effie Silliman.
Instructor in Public School Music and Normal Methods in Music.

Carroll N. Kirk, A. B.
Director of Physical Culture.
State University of Iowa.
410 W. Franklin Avenue.

OTHER OFFICERS.

Theodosia Hamilton, A. B.
College Librarian.
Simpson College.
Western Reserve University Library School.
400 E. Clinton Avenue.

Nellie E. Harris.
Secretary of the Conservatory.

Otis Lippincott.
Secretary to the President.

STANDING COMMITTEES OF THE FACULTY.

Absences. Dr. Hamilton, Prof. Emmons.
Athletics. Dr. Strickland, Mr. Kirk.
Badley-Schee Contest. Chairman, Prof. Griffith.
Buxton Oratorical Contest. Chairman, Miss Hagler.
College Prayer Meeting. Dr. Strickland.
College Council. Dr. Strickland, Dr. Hamilton, Miss Barrows.
Debate Council. Professors Martin and Griffith.
Evangelism. Dr. Strickland, Miss Jend, Miss Spurgeon, President of the Y. M. C. A., President of the Y. W. C. A., and Chairman of the Committee on Evangelism, Y. M. C. A., and Chairman of the Committee on Evangelism, Y. W. C. A.
Founders' and Benefactors' Day. Professors J. A. Baker, Jend and Emmons, and Presidents of the various classes.
Library. Professors Jenner and Hunting and Miss Hamilton.
Missionary. Miss Baker, and one student appointed from each class by the faculty.
West Contest. Chairman, Prof. Jenner.
Zenith. Professors Jend, Miller and Emmons.

HISTORICAL SKETCH.

Simpson college is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the citizens of the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened it "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. Of the original board of trustees, Dr. J. D. McCleary, of Indianola, and Rev. E. H. Winans, of Los Angeles, are the only surviving members. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. A small depression marks the place. The campus included one block, about one fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fall of 1866, by which time the seminary had shown a vigorous growth and the need of a college become apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president and gave the new institution the name of "Simpson Centenary College", in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyally stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow but it was substantial.

President Berry died in February, 1880. In the spring of the same year, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next president was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inaugurating a period of growth and expansion. Dr. Hamilton resigned to enter the ministry in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1892, when he desired to return to the ministry, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton, Francis L. Strickland was elected.

The growth of the college during recent years is attested by the fact that half of her 550 alumni graduated during the presidency of Dr. Shelton. Her growth in material things, property, buildings and so forth, is amply set forth on another page under the head of Equipment.

Simpson is not the only good school in Iowa. She has been made better by her strong competition. She has had her share of honors and, in proportion to numbers, has more than held her own in competitions between her students and those of other schools. Of the records of her children in post graduate schools, she is justly proud, but space forbids a citation of those records. At one eastern school it was recently said that it seemed remarkable that the alumni of one little western college should seem to have a corner on the positions of honor and trust among the students, for Simpson alumni held about five out of eight of the highest elective offices among the students, and this in a school largely attended by the graduates of eastern colleges.

GENERAL INFORMATION.

LOCATION.

Simpson College is located at Indianola, Warren county, Iowa. The town has about 3,500 inhabitants. There are modern improvements such as waterworks and electric power plant, both owned by the city. A complete system of sewerage is being put in and will be finished within the next year.

Indianola has had no saloons for many years, as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Island railroad make it easy of access from the capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS.

The campus comprises about ten acres, a part of it wooded with venerable maples. There are seven buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms. On the top floor are the halls of the literary societies. The Science hall accommodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college offices, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory.

The building of the Conservatory of Music stands at the northeast corner of the campus; while the new gymnasium will be built at the northwest corner. The College maintains its own water system, independent of the city of Indianola. These buildings are connected by cement walks and the campus is well lighted at night by electroliers.

THE LIBRARY.

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It provides a reading room, alcoves, stack room, two lecture rooms, and a small auditorium, known as Oratory Hall. The library contains about five thousand five hundred volumes. Two thousand more volumes are to be added, bringing the number up to 7,500 by December 31, 1911. The books are classified according to the most approved library methods.

A large number of the best periodicals are reguarly received.

The library is open from 8 A. M. to 9 P. M.

THE MUSEUM.

The museum contains the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representing all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region and ferns from India.

THE BIOLOGICAL LABORATORY.

The room which contains the cases for the museum collections also serves as a biological laboratory. The room is provided with water, gas, electric lights, and with wires connecting with the battery circuit of the physical laboratory. It is provided with tables, microscopes (thirty-three, including two especially fine ones for bacteriological work), and with the various other instruments, reagents, and staining fluids needed for individual work. It has a set of Harvard physiological apparatus, a Minot's microtome suitable for the finest work, water baths, incubators and sterilizers. In addition to the collections in the museum cases there are special collections of illustrative material for student study, microscope slides, both botanical and histological, lantern slides, charts and a departmental library.

THE EARTH SCIENCES.

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographic maps, including a set of seven duplicates of the maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer, barometer, barograph, thermograph, thermometers, a twenty-four inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photographic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustration before the classes, whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is need for his work. A side room between the laboratory and the lecture room contains the departmental library and two fine chemical balances.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage battery, the other a smaller outfit (375 watts) with a complete set of accessories for work with both direct and alternating currents. The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurement in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: a fine balance, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reimann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Weston wattmeter, millivoltmeter, voltmeters and ammeters; Leed and Northrup earth inductor and ballistic galvanometer; tangent and astatic galvanometers, testing set, induction coils, millihenry standard, X-ray outfit, camera, projection lanterns, spectrometer, professional microscope with accessories for the polarization of light.

THE AIM OF THE COLLEGE.

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly and professedly christian. The college was founded by men who loved the christian faith and its work is being carried on by those who believe that education is a distinctly religious matter. While there is no christian biology or geology or psychology, we believe there is a christian standpoint from which these and other sciences should be approached and a Christian temper in treating them. While in no sense a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE.

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained. But for narrow or sectarian presentations of truth we have no use in either classroom or from the chapel pulpit.

The work in Biblical Literature is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7 to 8 the College Prayer Service is held. These meetings are regularly in charge of the President and are largely attended.

In January a week of special services is held, ending with the Day of Prayer for colleges. Services are also held in Passion Week. These meetings have been the means of deepening th religious life of many. The great majority of the students are Christian men and women.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible Study classes on Sunday, and Mission Study classes on Thursday for a half hour after the Prayer Meeting.

The students of the college are made very welcome in the church life of Indianola. Every student is expected to attend service at least once on the Sabbath in one of the churches.

GOVERNMENT OF THE COLLEGE.

The aim of the college administration is to develop in the student the principles of self-government. We lay no rules arbitrarily upon the students; we ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college may not stay with us. The student who shirks and loafs may not stay with us.

There is a Student Council which takes care of all minor matters of discipline. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Conservatory. The President and a member of the faculty are members. Meetings are held about once a month, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched but fully trusted at examinations. At the close, each signs a statement that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the honor system are reported to the Student Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS.

There are six Literary Societies, four in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are undergraduates, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are undergraduates, and meets every Friday evening.

The Alpian Literary Society, organized in 1891, is composed of women who are undergraduates, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are undergraduates, and meets every Friday evening.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies; their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS.

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the undergraduates, aided by contributions from the alumni and others.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles of interest on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of November, January, March and May. The fourth number each year is the annual catalogue.

PUBLIC LECTURES.

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W| C. A. lecture course brings the best talent of the country before the students each year.

The course for the year 1909-10 has been as follows:

LECTURE COURSE.

October 24—Adrian Newens; November 24—Whitney Brothers; December 17—Thos. E. Green; January 14—Phidelah Rice; February 20—Hon. Jas. R. Garfield; March 9—Dr. Frank Dixon; March 14—Senator Gore.

COLLEGE BATTALION.

The college battalion is organized at the opening of the year. Undergraduate students are expected to drill during their freshman year, and thereafter until two years of service have been completed. All male students of the academy, four-year Normal course, School of Business, and School of Shorthand and Typewriting are expected to drill regularly. Men who have drilled two years as students of the academy will be required to drill one year in college, after which the military work becomes elective.

Normal or Short Term Business students may be given the privilege of substituting gymnasium work for required drill, at the discretion of the President.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject in literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schee Prize. Theses are marked on a scale of one hundred for thought, one hundred for composition, and fifty for delivery.

The Oratorical Prize, the gift of Rev. Victor West, of Adel, $20.00 in gold, is awarded to that member of the college who shall write and deliver the best English oration. The maximum limit of this oration is two thousand words. Each undergraduate literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock p. m. of the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society winning the series of inter-society debates arranged between the four undergraduate literary societies.

Standard Dictionary Prize: By the generosity of Funk-Wagnals Co., a copy of the finest subscription edition is offered for excellence in English.

HONORS.

The faculty of the college has adopted the following system of honors for excellence in class work, known as (1) annual honors; (2) College honors; (3) special honors.

It is provided that a candidate for honors:

I. Shall not have been subjected to discipline during the year when said honors are granted;

II. Shall be of approved habits and character;

III. During two semesters shall not have received more than thirty-two credits;

IV. Shall be not privileged to include for honors, the record of a second examination;

V. Shall not be permitted to postpone any examination, for any cause but illness or unavoidable absence, and in no such case shall the examination be postponed to a date later than the second week of the semester succeeding that in which the subject was taken.

A. ANNUAL HONORS.

Annual honors, subject to the provisions already named, shall be granted as follows:

Students who meet the requirements for classification shall, at the close of the college year, be entitled to honors, if they have maintained for the year a record in their classes averaging not less than 90 per cent, with no semester credit as low as 80 per cent.

B. COLLEGE HONORS.

Members of the graduating class shall be granted college honrs, who have received annual honors for four years, with the proviso that such students shall have been in attendance not less than seven and one-half semesters.

C. SPECIAL HONORS.

Subject to the same provisions as A. and B., special honors will be granted at graduation to a student who has completed an amount of work approved by the head of the one department in which he specializes, and has prepared a satisfactory thesis in connection with said department; it being further provided that, during the last two years of his course, the candidate shall have maintained in the department in which he specialized an average of 90 per cent, with a general average not lower than 85 per cent; it being also provided that no student shall undertake work for special honors without the approval of the head of such department.

ANNOUNCEMENT.

The honors shall be announced on Commencement Day when the Degrees are conferred and shall be published in the College Catalogue.

HONOR BADGE.

When annual honors are announced, the recipient shall be presented with a silver pin, in the design of the letter "S," with the figures engraved or enameled thereon, representing the year and the word "honor."

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete any of the regular College courses.

The degree of Bachelor of Music is conferred on those who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the special departments should be made to the President at least four months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

Graduation may be refused to candidates for baccalaureate degrees who are regarded by the faculty as seriously deficient in the use of the English language.

A student will not be recommended for the baccalaureate degree who has more than four semester credits ranked as low as 75 per cent.

Any person to be graduated must have been in attendance during one semester of the senior year.

ATHLETICS—GYMNASIUM.

Simpson College gives every encouragement to clean athletics. We insist that our men shall be gentlemen even on the football field, and show the high-grade sportsman-like spirit in all athletic activities. Athletics is not a commercial business at Simpson. It is a sport—enjoyed for its own sake and the physical benefits derived from it.

Every registered student is a member of the Athletic Association. There are two athletic fields. The smaller field, a part of the campus has a quarter mile track, base ball field and tennis courts. The larger field, which was presented to the College by Mr. Hopper, of Indianola, lies a block north and is to be made into a first-class field for football and track work.

The old gymnasium, which has served for a number of years, is to be superseded by the new gymnasium. Mr. Hopper has announced that he will build the new structure of ample size and modern construction and present it to the College. When this splendid gift is completed in the fall, every facility will be afforded for physical culture for both men and women under an experienced gymnasium director

Two hours a week will be required of all students in physical culture, for which one hour's college credit will be given.

WOMEN'S DORMITORY.

Mary Berry Hall, the women's dormitory, is a substantial brick building provided with large, well lighted rooms, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, washstands, and crockery. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent for the semester is due when possession is taken.

It is the settled policy of the school to furnish meals at actual cost. During the last year a charge of $3.00 per week has been found necessary.

Room rent will be upon this slightly modified plan, the rates including light and heat:

From the opening of the school year until the holiday recess, $18.00 for each occupant. For the remainder of the year, to those who have been patrons of the hall for the Fall, $12.00. From the holiday recess to the close of the year, for those who have not been in for the Fall, $17.00. These rates are for those who board at the hall.

Citizens of Indianola who rent rooms to students are requested to report when called upon as to the observance of school regulations on the part of these young people and to execute in their homes all the requirements of the faculty as to study and behavior. Such householders must elect whether they will entertain in their homes ladies or gentlemen, and the renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS.

If you arrive on the day before the opening of a semester or the first day of a semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will give you any help you need and take care of you. 2. If you reach Indianola on either of the morning trains, come at once to the college offices, and there you can receive directions and such help as you need.

3. The evening trains arrive just at supper time. Come immediately to the college boarding hall, where temporary arrangements can be made for the night and you can be advised as to what is best to do the next day.

N. B.—All the college buildings are upon the campus, located one block directly west of the Rock Island station and two blocks west of the C. B. & Q. station.

EXPENSES.

Tuition in college, per semester	$24.00
Normal course, per semester	20.00
Academy, per semester	20.00
School of Business, per semester	25.00
Semester fee, per semester	6.00

This fee includes the registration fee $2.50, the gymnasium and athletic fee, $2.50, the lecture and debate fee, $1.00.

The semester fee is required of every student who registers in any department of the college. The only exceptions are (1) pupils from the schools of Indianola who may wish to take music at the Conservatory; (2) where persons resident in Indianola may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc.

The tuition in the Conservatory varies with the character of the work taken and the instruction. Rates will be found on page ----.

Laboratory fees are as follows:

Elementary Physics, per semester	$ 1.50
Physics, II. and III., per semester hour	3.00
Chemistry, I. and II., per semester hour	4.00
Chemistry, III., IV. and V., per semester hour	1.50
Biology, I., II. and III. per semester hour	3.00
Mineralogy, per semester hour	3.00

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision made for their payment. Bills may be paid by semester or term; the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or a written test, or from two or more consecutive recitations or lectures .50

2. When a student asks for an examination in a subject during the semester following that in which the subject was taken in class---- 1.00

3. When a student asks for an examination on the work of a semester which he has been permitted by the faculty, to prepare outside of the class --$1.00 per semester hour.

4. When a student asks for an examination in a subject more than one year after that subject was taken by him or in class, $1.00 per semester hour.

Refund of Tuition is granted only when a student is compelled to leave college on account of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are fourteen perpetual scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college a week before the opening of college in September the President may fill the scholarship. The scholarships are as follows:

The Mary J. Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The M. P. Hoffman and Wife Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

The Mr. and Mrs. C. B. Hollenbeck Scholarship founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

Mrs. Lydia Maria Hollenbeck Scholarship, founded by the above parties.

The Samuel McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The J. D. Robbins Scholarship founded by J. D. Robbins, of Malvern, Iowa.

The Bagley Scholarship, founded by the Simpson Club of the Bagley M. E. Church.

The Mary Francis Sheppard Scholarship, founded by Mary Francis Sheppard, Indianola, Iowa.

The Samuel Shaw Scholarship. founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by Hon. B. F. Clayton, Indianola, Iowa.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school within the bounds of the Des Moines Conference, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal. (The honor graduate is that student who has the best record for scholarship.)

In case the honor graduate does not make use of the scholarship, the second in standing may be nominated by the Superintendent or Principal. The honor graduate may use the scholarship a year subsequent to his or her graduation from high school, but not later than a year; and that only when the scholarship has not been granted for that year to the second in standing.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year.

(c) Each charge in the Des Moines Conference is entitled to one new student per semester, who shall receive free tuition in the Academy, College or Normal courses. The candidate should bring either a recommendation from the quarterly conference, or, in case of an emergency, from the pastor, certifying that he is worthy and needy. Only the registration fees are charged.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Indianola, it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate, for so many things must be taken into consideration. The personal make-up of the student will govern here But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the college life. The extravagant standards of some institutions are not in vogue or favor with us. A large number of the students, considerably over half, are working their way through college and earning a good portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Yet it ought to be said that a student should have resources enough, before attempting a college course, to at least provide for half of the first year. For it may require a little time to find suitable work.

Board at the College Hall is $3.00 per week. In town it is apt to be a trifle higher. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room $1.50 to $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks:

Tuition for year	$40.00 to $48.00
Semester Fees	$12.00
Room rent (average)	$40.00 to $45.00
Board	$108.00
Books and incidentals	$20.00
Total	$220.00 to $233.00

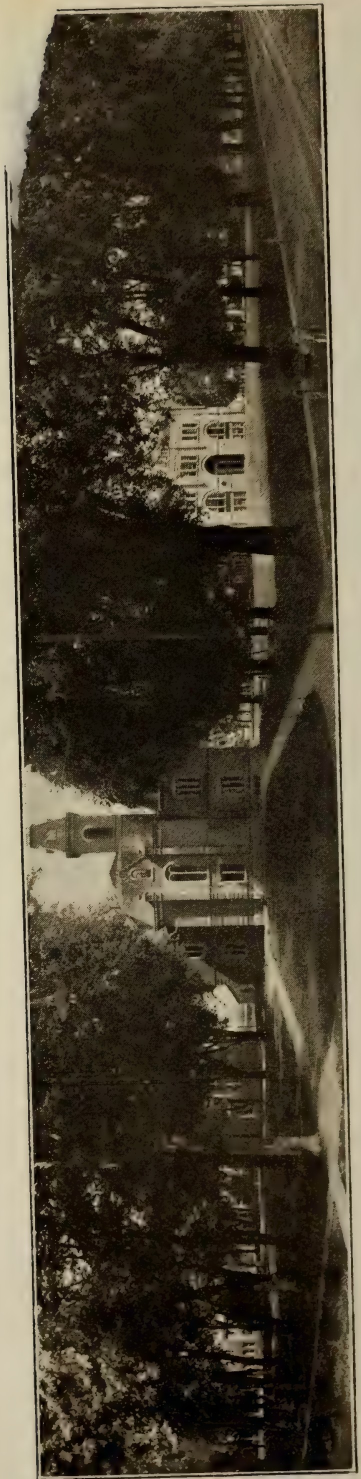
These figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in homes or business places in town. The literature of our College Employment Bureau tells all about this. If interested send to the President for information in regard to it.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the

Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund, grant loans to students under certain conditions, which may be learned on inquiry at the College office.

The Southard Fund places a certain sum in the hands of the President to assist young men studying for the ministry. These funds are not in any sense charity or benevolences. Loan grants from them are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal moral obligation.



VIEW OF THE CAMPUS

College of Liberal Arts

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF LIBERAL ARTS.

Satisfactory evidence of good moral character will be required of all who seek admission.

Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificates of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age. Whether entrance is by examination or by certificate, each student is considered as in a sense on prohibition.

Good work during the first year of college is insisted upon as a requirement for maintaing class standing.

Those who fail to do satisfactory work to the extent of at least 26 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS.

For admission to the Freshman class at least 14 preparatory units are required from the following list of subjects.

	Credit in Units
English	3 or 4
Greek	1 or 2
Latin	2 or 4
German	1 or 2
French	1 or 2
History	2
Civics	½
Economics	½
Mathematics	2½-4
Drawing	½
El. Physics	1
Chemistry	1
Botany	½
Physiography	½
Physiology	½
English	3
*Note.	

From the above list the following are required of all

Mathematics	2½
Language	4
History	1
El. Physics	1

*Note: *A "Unit" of credit means a subject pursued for four or five periods a week, during a school year of at least thirty six weeks—each period being not less than 45 minutes.*

The remaining 4½ units may be offered from the above list. Those who offer only 14 units may be admitted as Freshman but the defiency must be made good by the beginning of the Sophmore year or the student will fail to be advanced with his or her class. Those who present less than 28 credits will be classified in the Academy until they have met the standard.

EXPLANATION OF THE UNITS.

English.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writing, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English

College Entrance Requirements in English for 1911-1912. Required for study and practice.

Shakspere: Macbeth. Milton: Lycidas, Comus, L'Allegro, and Il Penseroso; or Tennyson: Gareth and Lynette, Lancelot and Elaine, and The passing of Arthur. Burke: Speech on Conciliation with America, or Washington: Farwell Address, and Webster: First Bunker Hill Oration.

Required for Reading. Group I. (two books to be selected. Shakspere: As You Like it, Henry V., Julius Caesar, The Merchant of Venice, Twelfth Night.

Group II. (one book to be selected.) Bacon: Essays. Bunyan: The Pilgrim's Progress, Part I. The Sir Roger de Coverley Papers in "The Spectator". Franklin: Autobiography.

Group III. (One book to be selected.) Chaucer: Prologue. Spencer: Selections from the Faerie Queene. Pope: The Rape of the Lock. Goldsmith: The Deserted Village. Palgrave: Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (Two books to be selected.) Goldsmith: The Vicar of Wakefield. Scott: Ivanhoe, Quentin, Durward. Hawthorne: The House of Seven Gables. Thackeray: Henry Esmond. Gaskell: Cranford. Dickens: A Tale of Two Cities. George Eliot: Silas Marner. Blackmore: Lorna Doone.

Group V. (Two books to be selected.) Irving: Sketch Book. Lamb: Essays of Elia. De Quincey: Joan of Arc and The English Mail-Coach. Carlyle: Heroes and Hero-Worship. Emerson: Essays (selected). Ruskin: Sesame and Lilies.

Group IV. (Two books to be selected.) Coleridge: The Ancient Mariner. Scott: The Lady of the Lake. Byron: Mazeppa and The Prisoner of Chillon. Palgrave: Golden Treasury (First Series Book VI. with special attention to Wordsworth, Keats and Shelley Macauley: Lays of Ancient Rome. Poe: Poems. Lowell: The Vision of Sir Launfal. Arnold: Sohrab and Rustum. Longfellow: The Courtship of Miles Standish. Tennyson: Gareth and Lnette, Lancelot and Elaine, and The Passing of Arthur. Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Herve Reil, and Pheidippides.

MATHEMATICS.

2½ Units.

Two and one half units are required of all who seek unconditional admission to the Freshman class.

1	Algebra—through Arithmetical and Geometrical Progression	1½ Units
	Plane Geometry	1 Unit
3	Solid Geometry	½ Unit
4	Plane Trigonometry	½ Unit
5	Spherical Trigonometry	½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progression.

LANGUAGE REQUIREMENTS.

Four Units Required.

Latin.

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text. ---------------------------------1 Unit.

II. Caesar's Gallic Wars, first four books, or an equivalent in Nepos. The equivalent of at least one period a week in Latin prose composition based on the text read. --1 Unit.

III. Six Orations of Cicero; prose composition. --------------I Unit.

IV. Virgil, first six books of the Aeneid. ---------------------1 Unit.

German.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson I unit.

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronunciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; Some ability to speak and understand the language. -------- --1 Unit.

French.

I. Careful drill in pronunciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read ----1 Unit.

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biographical sketches with constant practice in pronunciation, writing French from dictation, and drill upon the rudiments of grammar I Unit.

HISTORY.

One unit required.

Any one of the following courses in History may be presented for admission.

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.
2. Mediaeval and modern European history, from the death of Charlemagne to the present time.
3. English history.
4. American history, or American history and civil government.

PHYSICS.

One Unit Required.

Students presenting Physics as an entrance-unit should include in their preparation both text-book and laboratory work. The text-books of Millikan and Gale, Carhart and Chute, or Hoadley are recommended. The laboratory work should include at least 30 experiments representative of the different departments of Physics and involving careful measurements, and the candidate must present his original note-book containing full records of the experiments.

THE COURSE OF STUDY.

The curriculum of a modern college should be arranged so that at least three classes of students are well considered: 1. Those looking toward the profession: 2. Those expecting to teach: 3. Those whose college course is to afford them general preparation for life in broad culture and training.

First, consider the needs of the students who are looking toward a professional career such as law, medicine, the ministry, the various branches of engineering, chemistry, etc. There is no better foundation for the special training needed there for these professions than a good college course. A young man is simply unfortunate who tries to propare for law, medicine or the ministry without college training. The mastering of the work in a good medical college or law school is far too stiff a proposition for any student except those who have trained and tempered their minds and have now in part it least their mental independence. For the prospective engineer or chemist, the college can do much. All the foundation work such as mathematics, physics, modern languages, mechanical drawing the student may take at Simpson at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years. Christion culture and character are of the highest importance to every student whether he is to be a farmer, a minister or a bridge builder.

But while the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary todoy to effective college education.

This is arranged for in the group system. Thus the group containing Physics as a major study makes an admirable preparation for mechanical engineering; while the Geology,—Chemistry group fits the needs of one who may look to mining engineering.

The Political Science History group leads naturally to Law; while the Biology group leads to medicine, or agriculture and Philosophy-Sociology or Philosophy Science group gives an excellent approach to the study of modern theology.

In the college and normal course, excellent training is offered for those who look to the noble profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, Modern Languages, Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology and Physiography, Geology, Mineralogy, English Language, English Literature, History, Drawing, Education, Public Speaking, Military Science, Commercial Science, Shorthand, Musical History and Theory, English Bible, and Philosophy, including Psychology, Ethics, Economics, and Civics.

These courses are in advance of the work done in the same subjects in the ordinary high school, and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction. One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 128 semester hours are required for graduation.

The following work is required of all who are candidates for the degree:

English. (English I and II 4 hours, Literature I and II, 6 hours)	10	semester hours
English Bible	4	semester hours
History	6	semester hours
Modern Language	8	semester hours
Philosophy	8	semester hours
Public Speaking	2	semester hours
Science	8	semester hours
Trigonomety	3	semester hours
	49	

In addition 4 semester hours of physical culture are required. Two periods a week in gymnasium work count as one semester hour.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students in entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised as to studies which had better be included in the first year's work. The tabulated arrangements will be followed so far as advisable. But each student's case will be considered personally and individually.

At the opening of the Sophomore year, students in the college will be asked to indicate the direction of their subsequent studies. This will be done by choosing a group of studies, as indicated in the table of groups. The professor whose subject stands at the head of the group now becomes the student's adviser for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major and minor studies and those electives which in the judgment of the advisor will make a well rounded and useful course.

The number of semester hours devoted to the major study varies, but may not be less than 16 in the two years.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

I. *English*	
English	26 *
Language	16**
History	12
Public Speaking	4
Bible	4
Mathematics	3
Psychology	6
Physical Culture	4
Science	8
Theory of Thought	2
Electives	43
	128

*Twelve hours of the English Major to be taken in Junior and Senior year.

**At least two years of Modern language will be required in this group for graduation.

II *History and Polit Science.*	
History	30*
Thesis	
English	12
Modern Language	8
Public Speaking	2
Bible	4
Mathematics	3
Pysology	6
Philosophy	2
Biology	8
Physical Culture	4
Electives	

*Course II required as a prerequisite, but is not counted as a minor.

III *Mathematics.*

Major		
	Trigonometry	3
	College Algebra	3
	Surveying	2
	Analytic Geomotry	5
	Diff. Calculus	5
	Determinants and Theory of Equations	4
	Integral Calculus and Differential Equations	
Minors	Physics	8
	Astronomy	4
	Req. Subjects	46
	Electives	48
		128

IV. *Philosophy.*

Major Philosophy	16
Economics and Sociogy or Biology	8
Psychology	6
Theory of Thought	2
Bible	4
Modern Language	8
Mathematics	3
Science (other than Biology if Biology is made the minor)	8
Public Speaking and Phys Cult	6
Electives	67
	128

V. *Latin.*

Latin	24
Minor	10
Psychology	6
Theory of Thought	2
Bible	4
Modern Language	8
Mathematics	3
Science	8
Public Speaking	2
Physical Culture	4
Electives	57

VI. *Greek.*

Preliminary Greek	16
Advanced Greek	18
Bible	4
History including Greek and Roman	10
Mathematics	3
Modern Language	8
Physical Culture	4
Psychology	6
Public Speaking	2
Science	8
Theory of Thought	2
Elective	37
	128

VII. *Modern Language.*

Major (German or French)	18
With no German for Entrance	26
Required Studies (with 8 hours of the modern language other than the major)	53
Electives	49
	128

IX. *Chemistry.*

Chemistry	22
Biology or Physics	8
Cryst. and Min.	4
Economic Geology	4
Bible	4
English	10
History	6
Mathematics	3
Psychology	6
Physical Culture	4
Theory of Thought	2
Modern Language	16
Elective	39
	128

X. *Biology*.*

Biology	18
Chemistry	8
Meteorology	3
Palaeontology	4
Modern Language	16
Bible	4
English	10
History	6
Mathematics	3
Psychology	6
Physical Culture	4
Theory of Thought	2
Elective*	44

*Those who are to study medicine should elect Chem. II-IV and Physics II and III.

XI. *Earth Sciences.*

Earth Sciences	18
Chemistry	8
Biology	8
Physics	9
Astronomy	4
Modern Language*	16
Bible	4
English	10
History	6
Mathematics	3
Psychology	6
Physical Culture	4
Theory of Thought	2
Elective	29
	128

XII. *Physics and Pre-engineering Groups.*

Mathematics	22
Physics	16
Mechanical Drawing	6
Chemistry	14
Bible	4
English	10
History	6
Psychology	6
Physical Culture	4
Theory of Thought	2
Modern Language*	16
Elective**	16
	128

*Enough to complete three years; two of German and one of French.

**It is recommended that all young men take the full course in Military Science.

Those who are to study Civil Engineering should elect Phys. of Land form, Meteorology and Astronomy. Those who are to study Mechanical or Electrical Engineering or are to major in Physics, should elect three hours of special report work in Physics.

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 49 semester hours. 2d the major and its minor, 24 to 42 hours. 3d the free electives which are selected and arranged under the guidance of the student's adviser, enough to make a total of 128.

All electives must be made with reference to the courses in that department announced for each year, as well as to the published schedule of recitations.

No student will be allowed to register in any class unless in the opinion of the professor in charge his previous studies have prepared him to pursue the desired study with profit.

Classes will be formed in elective courses only when the number of applicants warrants.

Any student who reaches the sophomore year, delinquent in any academy study is to make up this work at once by special examination, or enter classes in such subject or subjects.

Without the consent of the faculty no student is allowed to undertake more than 16 hours' work, either as a regular member of a class or as a visitor. No one will be granted permission for extra hours whose average grade for the preceding term or semester is below 85 per cent or who has, during the semester just preceding his request, a grade in any study lower than 80 per cent. No student will be allowed to make up work not taken in class without first obtaining the consent of the faculty.

When students find it necessary to carry such an amount of outside work that their college work is made to suffer, the faculty may, if it deems best, require that less college work be undertaken.

DEPARTMENTS OF INSTRUCTION.

MATHEMATICS.

Professor Emmons.

While the principal objects in the courses in mathematics are mental discipline and training in logical thinking, the application to the problems of every-day life of the power of analysis acquired incidentally proves that the subject has a high utilitarian value. The student receives the subject matter through the text-book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

I. Plane and Spherical Trigonometry. The class is divided into two sections, the first reciting at 8:00 o'clock and the second at 11:20. The object of the course is three-fold: to define the trigonometric functions and study the relations among them, to acquire skill in the use of certain mathematical tables, and to learn and practice the methods of solving plane and spherical triangles.

First Semester M. W. & F. required.

II. College Algebra. This course includes a short review of quadratic equations, biquadratic equations, and complex numbers, and selected topics from higher algebra such as the properties of equations, binomial expansion, undetermined coefficients, logarithms, permutations and combinations and series.

Second Semester. M. W. F., 8 A. M.

III. Plane Surveying. After studying the plan of construction and the adjustments of the standard instruments the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit, or level in the field are assigned. The student is required to keep a field note book of all surveys and problems.

Second semester. Two hours. Tuesday and Thursday. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. Analytic Geometry. Plane and Solid. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations and their properties are determined by algebraic interpretation. Prerequisites, I and II.

V. Differential Calculus. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivative. In this course emphasis is laid upon the differential calculus though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prequisite IV.

Second semester. Five hours. Daily at 10:20.

VI. Determinants and Theory of Equations. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V.

First semester. Four hours. Mon., Tues., Thurs., Fri., at 9:00.

VII. Integral Calculus and Differential Equations. This is a continuation of course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

Second semester. Four hours. Mon., Tues., Thurs., Fri. at 9:00.

VIII. Astronomy. A course in descriptive astronomy including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four inch equatorial telescope. Prerequisite I.

Second semester. Four hours. Mon., Tues., Thurs., Fri., at 11:20.

GREEK.

Professor Baker.

Greek I. Elementary Greek. This and the course following are provided for those who do not offer Greek for entrance. The work consists of the elements of the language as usually taught. Connected passages from Xenophon's Anabasis are introduced within the first few weeks of the course. A portion of the first book of the Anabasis is read at the close of the second semester.

First and second semesters. Tues., Wed., Thurs., Fri., 8 A. M.

Greek II. Xenophon's Anabasis and Greek Composition. Four books are read. Exercises in writing Greek accompany the daily reading. Some oral practice in Greek is also given.

Collateral reading on the topics connected with the text is required.

First and second semesters. Tues., Wed., Thurs., Fri. 1:30 P. M.

Greek III (a) Homer's Iliad. Besides the text, which includes the first three books, there is a brief review of some Greek myths, a sketch of the Iliad with a reading in English translation of a considerable portion of the poem. Life in the Homeric age and modern discoveries relating to the Mycenaean age are also touched upon.

First semester Tues. Wed., Thurs., Fri. 11:25 A. M.

Greek III (b) Herodotus, Book vi and Selections. Portions of the sixth book of the history are chosen relating to and including the battle of Marathon. Other portions are chosen to illustrate the art of Herodotus as a story teller. Collateral reading is suggested suited to the historical portion.

Second semester. Tues., Wed., Thurs., Fri. 11:25 A. M.

Greek IV (a) Sophoclis Antigone. Scenic antiquities and the history of the drama are the subjects for collateral reading.

First semester Mon., Tues., Thurs., 2:30 P. M.

Greek IV (b) The New Testament. Paul's Letter to the Romans. This course is prefaced by readings concerning the church at Rome. Word studies form a leading feature of the course.

Second semester. Mon., Wed., Thurs. 2:30 P. M.

Greek V. (a) Euripides Iphigeneia at Tauri. This course may be taken in conjunction with course IV, a.

First semester. Tues., Thurs. 2:30 P. M.

Greek V. (b). Demosthenes concerning the Crown. Collateral reading including topics relating to the political condition of the time.

Philip and Demonthenes. This course may be read in conjunction with course IV b.

Second semester. Tues. Thurs. 2:30 P. M.

GREEK VI. THESIS COURSE. Admission to this course is by special arrangement. Two hours.

Hours to be arranged.

Additional courses in Greek Drama will be arranged for alternate years for those who elect Greek as a major. Courses in Thucydides or in Plato may be arranged in the same way.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of constructions and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

COURSE I. Translation and composition based on Cicero's De Senectute and Tacitus' Agricola.

Second semester, four hours.

Livy, Selections from Books XXI and XXII, Virgil's Georgics, Latin Composition.

Second semester four hours.

(Course I is a prerequisite to Course II and to all other courses.)

COURSE II. HORACE. ODES AND EPODES. Selections from Roman Poets.

First semester three hours.

PLAUTIS, CAPTIVI OR TRINUMMUS, HORACE, SATIRES AND EPISTLES.

Second semester, three hours.

COURSE III. JUVENAL AND ROMAN PRIVATE LIFE.

Second semester two hours.

MARTIAL AND ROMAN PRIVATE LIFE.

First semester two hours.

(Course III will be offered in 1912-13.)

COURSE IV. ROMAN CONSTITUTIONAL LAW.

First semester, two hours.

Review of Latin Grammar.

(Course IV will be offered in 1911-12.)

MODERN LANGUAGES.

Professor Jend; Miss McCleary.

The aim of this department is to give the student a knowledge of the literature and customs of France and Germany as well as of the languages. Stress is placed upon a perfect pronunciation and every effort is made to help the student acquire ease in reading and understanding and expressing himself in the language studied.

FRENCH.

COURSE I. Whitney's French Grammar is used as basis for exercises in grammar, dictation and conversation. Texts: Guerber "Contes et Legendes." Halevy's "L'Abbe Constantin." Nurimme "Colorula" Marlot's "Sans Famille".

Professor Jend, four hours.

Course II. Advanced composition, conversations, a study of French Literature and masterpieces. Course I or its equivalent is a prerequisite.

Professor Jend, three hours.

Texts: Histoire de la Literature Francaise Sand La petite Fadette. Mulore "L'Avare" and "Misanthrope". Racini "Esther Andriomaque". Huge "Reruani". If requested a one hour Normal course will be given.

GERMAN.

Course *I.* Thomas' German Grammar with abundant drill in conversation. Texts: Mueller and Wenkelach "Gluck Auf". Bacon's "Im Vaterland". Heyse "L'Arrabbiata," Von Hillern "Hoher als die Kirche."

Miss McCleary, four hours.

Course II. Advanced Grammar and composition also writing of short essays. The German language used in class room work. "Texts: Schiller, "Die Jungfrau von Orleans." Forique Undine, "Lessing". Minna von Barnhelm." Goethe "Herman und Dorothea."

Prerequisite, Course I.

Miss McCleary, four hours.

Course III. Study of German Literature also classics of certain periods as Schiller "Wallenstein" Goethe "Egmont" Freytag. "Der Rittmeister von Alt Rosen." Lessing. "Nathan der Weise." Several short German novels are read outside of class and reported on in class.

Prerequisites, Courses I and II.

Professor Jend, three hours.

Course IV. This course consists of the study of modern novels and plays, as the works of Sudermann, Hauptman, Frussen. The second semester will be devoted to the study of Goethe's "Faust". If desired a one hour Normal Course can be formed, Prerequisite Courses I and II. This normal course will not only give the student a review of the fundamental rules but also train the student in the methods of teaching the use and choice of texts and how to conduct the class room work using the German language almost entirely.

Professor Jend, two hours.

HISTORY.

Professor Dodson.

The requirements for a major in history, including the thesis, are thirty hours. At least twenty hours must be given to history the remaining hours may be taken in economics and political science.

Course II is a prerequisite to all later courses, but is not counted as a minor. The required laboratory service must be taken not later than the Sohpomore year.

I. Ancient History. A general survey of the history of the ancient world, with emphasis upon Greece and Rome. Bury's Greece and Pelham's Rome are used. Text book, lectures, readings and reports.

Throughout the year, Tues., Thurs. 10:25.

II. Mediaeval and Modern History. An introductory course in the general movements of European institutional life from the barbarian invasions to the present time. Robinson's History of Western Europe and Readings' are used. For sophomores Text books, lectures, readings and a study of documents.

Throughout the year, Mon., Wed., Fri. 10:25.

III. English Hisjory. Political economic and constitutional developement of England from 1500 to the present time, with a detailed study of the present working of the Cabinet system of government. Gardiners' Students' History of England, and Bagehots' English Constitution are used. Open to junior and senior. Text book, lectures, readings and a study of documents.

Throughout the year, Mon., Wed., Fri. 8.

IV. American History. Attention is given to the European background of colonial history. A general survey of the political, economic and constitutional development of America from the discovery to the present time. Special emphasis will be given to the government under the constitution (1789-1900). Elsons' History of the United States and MacDonald's Source Book are used.- Open to juniors and seniors. Text book, lectures, readings and a study of documents.

Throughout the year, Mon., Wed., Fri. 11:25.

V. Political Science. An introductory course in the study of the main conceptions and principles of political science. Gettell's Introduction to Political Science is used. Open to seniors. At least 10 hours of history are required for entrance. Text book, lectures, readings and the examination of leading modern constitutions.

Throughout the year, Tues., Thur. 8 (Omitted in 1911-1912.)

VI. Method in History. This course will treat of the nature of history, and of the instruments used in the organization and interpretation of historical material for teaching purposes, and from the point of view of student and teacher. The work of the class will include assigned topics for discussion with reference for reading, conferences, written special reports, exercises in organizing a special field, and the making of lesson plans. Students must present 10 hours of history for entrance to class. Marces' Method in History is used.

Throughout the year, three hours.

VII. Seminar in American History. The general subject for 1910-11 was the Sources of the American Constitution. For seniors who select history as a major.

Throughout the years, three hours.

VIII. International Law. An elementary course upon the law of nations.

Second semester, Wed., Thur., 2:30. Major Catlin.

ENGLISH LANGUAGE AND LITERATURE.

Professor Griffith.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to appreciate literature. Literature is as broad as human life. It is through the pages of our books that our experience is most broadened as we enter the many realms of thought and imagination. The study of such a subject must be attended by open-mindedness, independence, and honest scholarship.

ENGLISH LANGUAGE.

English I. Freshman Composition. A study of the principles of composition in which the student developes his command of English by both prepared and extemporaneous themes. Required of freshman in all courses.

First semester, Tuesdays and Thursdays at 8:00 or 10:25.

English. II. Freshman Composition. A continuation of English I. with special attention to methods in taking notes and the various literary forms. Required of all freshmen in all courses.

Second semester, Tuesdays and Thursdays at 8:00 or 10:25.

ENGLISH III. ARGUMENTATION. This course is a study of the principles of argument and debate. English I and English II are prerequisites.

First semester, Tuesdays and Thursdays at 9:00.

ENGLISH IV. THE ORATION. This course will be conducted with the co-operation of the department of Oratory and will consist of the writing and delivery of speeches and orations. The first term will be spent in the study and writing of pleas and speeches for special occasions. These speeches will be short and the principal emphasis of their study will be upon oratorical style. The second term will be taken up with the study of the history of oratory and the writing of a carefully prepared oration of over 1500 words. One of the speeches of the first term and the oration of the second term shall be prepared under the direction of some member of the Department of Oratory, for delivery before the class in English IV. or on any other occasion that the head of the Department of Oratory shall designate. This course is open to juniors and seniors.

English IV. is required of all students who have not shown their proficiency in the use of the English language in one of the following ways:

1. By at least one public appearance from the followings list:
    a. An oration delivered at a state or home oratorical contest, at a college convention, or any other formal occasion approved by the faculty;
    b. An essay delivered in the Badley-School contest;
    c. A debate delivered in an inter-society or an inter-collegiate contest.

test.

The quality of these productions must be approved by the heads of the Departments of English and of Oratory.

First semester, Mondays and Wednesdays at 2:30,

ENGLISH V. THE SHORT STORY. A study of the history of the technique of the short story with continual practice in writing. Prerequisites are English I. and English II.

Second semester, Tuesdays and Thursdays at 9:00.

ENGLISH LITERATURE.

LITERATURE I. BEOWULF TO MILTON. In this course, special attention is given to the relation of English literature to the intellectual development of the English people. Required of all students and may be studied in the freshman year.

First semester, Mondays, Wednesdays and Fridays at 8:00 or 10:00.

LITERATURE. II. DRYDEN TO TENNYSON. A continuation of Literature I. with special attention to the literary development of the nineteenth century. Required of all students and may be studied in the freshman year.

Second semester, Mondays, Wednesdays and Fridays at 8:00 or 10:25.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people.

Second semester, Mondays, Wednesdays and Fridays at 11:25.

LITERATURE V. PRE-SHANESPEREAN DRAMA. A study of the development of the English drama from the earliest time to the time of Shakspere with careful attention to dramatic technique. Literature I and Literature II are pre-requisites.

First semester, Mondays, Wednesday and Fridays at 8:00 or 10:25.

First semester, Mondays and Wednesdays at 9:00.

LITERATURE VI. SHAKSPERE. A study of the life and writings of

William Shakspere from class lectures and collateral readings. Literature I. and Literature V. are prerequisites.

Second semester, Mondays, Wednesdays and Fridays at 9:00.

LITERATURE VIII. ENGLISH POETRY, 1798-1832. A study of the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats and Landor. Open to juniors or seniors who have studied Literature II.

First semester, Mondays, Wednesdays and Fridays at 2:30.

LITERATURE IX. ENGLISH POETRY 1832-1900. A study of the poetry of Tennyson, the Brownings, Clough, Arnold, Rossetti, Morris and Swinburne. Open to juniors or seniors who have passed Literature II.

Second semester, Mondays, Wednesdays and Fridays at 2:30.

LITERATURE XI. MILTON AND THE EPIC. A study of the English poems of John Milton with special attention to the epic as a literary form. Literature I. is a prerequisite.

First semester, Mondays, Wednesdays and Fridays at 11:25.

LITERATURE XIII. TENNYSON. A study of the poetry of Alfred Tennyson. Literature II. is prerequisite. This course alternates from year to year with Literature XI.

First and second semesters, Tuesdays and Thursdays at 11:25.

LITERATURE XV. THE ENGLISH NOVEL. A study of the novel since the time of Richardson with special attention to the works of the nineteenth century. Open to Juniors and Seniors who have passed Literature II.

First semester, Mondays, Wednesdays and Fridays at 11:25.

LITERATURE XX. This course is primarily arranged for those that intend to teach literature. The aim is to develop a broad appreciation of literature as art by studying the best criticism and interpretation. Some of the works of the College Entrance Requirements and some of the best foreign writings are studied as examples of the various literary forms. This course is open to seniors who have majored in English and to others who secure the consent of the instructor.

First and second semesters, Tuesdays and Thursdays at 1:30.

PHILOSOPHY.

Dr. Hamilton and President Strickland.*

**Dr. Hamilton retires at the close of this college year, 1910-11. His successor has already been nominated and will take up the work in the fall.*

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. Its value is in the insight it gives into the problems of life. Its interests are those of personal life. Only as philosophy is kept free from the barren abstractions of speculation and remains a rational interpretation of life can it hold its place as a subject worthy of the attention of students in these modern days. The purpose of the department is to acquaint the student with some of the more important results of philosophical inquiry and to bring these results into close relation with the practical needs and problems of present-day life.

I. GENERAL PSYCHOLOGY. Presenting the main facts and laws of the mental life, and an interpretaion of these facts in their bearing upon education and personal culture.

Lectures, class discussions, with collateral reading in standard texts.

Required: Throughout the year three hours a week.

II. EXERCISES AND EXPERIMENTS IN PSYCHOLOGY. In this course the student is given a first hand acquaintance with some fundamental problems in psychology and some training in the methods of psychologica observation.

Second semester, three hours a week.

III. Logic. A study of the principles of inductive and deductive reasoning, with practice in detecting fallacies and in the use of logical argument.

Second semester, two hours a week.

IV. Introduction to Philosophy. In this course the student is given some acquaintance with the problems of philosophy. The reading is in the texts of Paulsen and Rogers and in Windelband's History of Philosophy.

First semester, four hours a week.

V. Theory of Thought and Knowledge. The philosophy of Knowledge or Epistemology, with a study of the categories of thought and the rational processes by which we come to our judgments and beliefs. Phychology I. is a prerequisite for this study.

Required: First semester, two hours a week.

VI. Ethics. A general course. The facts and problems of the moral life will be studied with a consideration of the principal Ethical theories and their application to present moral conditions.

Some rational principles will be sought, which will guide in the attempt to find solutions of the practical moral problems of today.

Lectures and Readings based upon Bowne's Principles of Ethics and Seth's Ethical Principles. *Second semester, four hours a week.*

VII. Modern Philosophical Thought. A brief course in which the student will be taught to think critically concerning some thought problems of modern life. It will include the discussion of Naturalism, Personalism, the Theistic Argument, a proper understanding of the Theory of Evolution, Divine Imminence, the Supernatural and Pragmatism.

Course V is a prerequisite.

Second semester, three hours a week.

VIII. Philosophy of the Christian Religion. An attempt to present a rational and philosophical foundation in terms of modern thought for positive Christian Faith. The subject includes the brief study of the primitive forms of religion and of the non-Christian religions, of Judaism and early Christianity, with the view of showing that the Christian Revelation is the only universal or world religion.

Throughout the year, two hours a week.

Note.—Courses V. and VIII. will be given by Professor Strickland; the rest of the courses will be given by the Professor of Philosophy.

ENGLISH BIBLE.

This course extends throughout the year and is required. The aim of the work is to give to the student a broad view of the Divine Revelation contained in the Old and New Testaments.

Two hours a week throughout the year.

EDUCATION.

Professor Ruggles.

Course I. Theory and Practice of Teaching. Open to all students above the third year of the academy. This course is designed to give the student specific instruction in the solution of his everyday problems. Some of the topics to be discussed are: Principles of instruction; the relation of the teacher to the community; the relation of the teacher to the school board; adaptation of schools to the community, etc. Emphasis is placed upon the art of teaching and school management. This is an elementary course. *M. W. F. at eight o'clock throughout the year.*

Course II. Principles of Education. Open to sophomores, juniors and seniors.

The object of this course is to acquaint the student with the theories underlying a rational practice of education. The first semester is devoted to the different aspects of child development both organic and mental. The student is introduced to the theories of phylogeny and ontogeny with special reference to their bearing on education.

During the second semester the "social aspect" of education will be discussed. The relation of vocational to avocational training; the relative merits of the different subjects of the curriculum; the enriched curriculum as opposed to the narrow curriculum; modern tendencies in education, etc.

M. W. F., at 11:25 o'clock throughout the year. Credit six hours.

Course III. History of Education. Open to juniors and seniors. A general survey of the history of education. Especial emphasis is placed upon the education of the Greek people; the effect of Christianity upon education; the rise and development of humanism; the doctrine of the reformers; and the development of modern systems of education.

Tu. Th. throughout the year at 10:25. Credit four hours.

Course IV. Principles of Secondary Education. Open to seniors. 1. The studies in Secondary instruction. Functions and relative educational worth of studies and study groups; the organization of studies into curricula.

2. The processes of instruction; scientific basis for high school instruction; scientific method in high school teaching.

3. Specializing, reading and study, looking toward preparation for some particular work. Reports and recitations will be required of such reading.

Tu. Th. at eight o'clock throughout the year. Credit four hours.

Course V. The Ideal School. Open to juniors and seniors. A seminary course in which are discussed plans for and means of making the public schools meet the needs of communities in a superior manner. Plans for school buildings, including heating, lighting and sanitation, curricula for schools of different communities; the school as a means of social improvement, are some of the topics to which attention is given. *Time to be arranged. Credit depends upon amount of work done.*

SOCIAL SCIENCE.

Professor Dodson.

I. Economics. A brief course intended to give a general knowledge of the economic laws governing the production and distribution of wealth. Lectures, class discussions and reports with collateral reading in Ely's Economics and other authorities.

First semester, four hours a week.

II. Sociology. An introductory course aiming to set forth the nature and laws of human society, a brief study of social institutions and of the relation of the individual to society. It is advised that Ethics either precede or be taken in connection with this course. Lectures, class discussions, reports and collateral reading.

Second semester, four hours a week.

THE EARTH SCIENCES.

Geology, Mineralogy, Physiography and Meteorology.

Professor Tilton.

Course I. Physiography of Land Forms. In the Physiography of

Land Forms the various processes operative in developing the topography of the earth's surface are studied critically, following Salisbury's Physiography, advanced course, as a text, accompanied by the study of topographic maps, library references and illustrative pictures, and by field trips.

First semester, five hours a week, nine to ten o'clock.

METEOROLOGY.

The second portion of the text, on Meteorology, is accompanied by a system of observations, map study and reference work planned to develop the subject systematically and to apply the results to the work of the United States Weather Bureau and to the study of climate.

Second semester, five hours.

COURSE II. CRYSTALLOGRAPHY AND MINERALOGY, in alternate years. This course will begin in September of the even years, and alternate with Course IV. Chemistry I. is necessary to registration in the class. The treatment of this subject is divided into three parts: 1. First semester, the study of crystalline form with optical characteristics of each system. For this study the laboratory is provided with a collection of crystals, a set of models, and a petrographical microscope with slides. 2. Second semester. The determination of mineral species. At the close of this work each member of the class presents for inspection a set of minerals which he has identified and properly numbered, labeled and catalogued. 3. The classification of minerals in the College collection, with special attention to those of economic value. The instruction is given by lectures.

Prerequisite Chemistry I.

Wednesdays and Fridays, 11:20 to 12:20.

COURSE III. GEOLOGY. In this the first course in Geology the class begins with a study of local geology as found in a series of field excursions. From the knowledge thus gained of surface formations and conditions in southwestern Iowa, and of processes now operative, the class proceeds to the general facts and principles of Structural and Dynamic Geology, and then, in Historical Geology, to the evolution of the continents and life in past ages. The plan of the work is cultural. Chamberlain and Salisbury's College Geology is used as a text. The class is open to juniors and seniors.

COURSE IV. PALAEONTOLOGY, in alternate years. This course will begin in September of the odd years, and alternate with Course II. In the first semester Invertebrate Palaeontology will be studied, following Zittel's "Text Book of Palaeontology." In the second semester Vertebrate Palaeontology will be studied, using Woodward's "Vertebrate Palaeontology." Course IV will supplement both Biology I and the beginning course in Geology (Course III).

ADVANCED GEOLOGY.

COURSE V. In this course each member of the class is given an opportunity to pursue as extended and critical study in any line of the work as his registration permits. The class is conducted either on the seminar plan or by individual conferences, dependent on the subject chosen for study. The following are some of the courses open:

(a) Geologic Structure, study based on the Folios of the U. S. Geologic Atlas, as outlined by Salisbury, Atwood and Barrows.
(b) Economic Geology, Riess' text.
(c) The Geology of Iowa.
(d) Local Palaeontology.

(e) Microscopic study of rocks and rock-forming minerals. (Crystallography and Mineralogy are pre-requisites.)

(f) Advanced library work on Physiography, or on any portion of geologic theory.

An extension of this course affords opportunity for the preparation of a report.

COLLEGE PHYSICS.

Professor Tilton.

Course I. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded seniors who wish to teach but have not registered in Courses II. or III. This review work will be so arranged that those who have had Course II. can review the elements of the remained of the subject by electing the second semester of Physics I.; and those who have had Course III. can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Courses II. and III. These courses are given in alternate years, Course II. beginning in September of the odd years, and Course III. beginning in September of the even years. It is advisable, though not required, that Physics II. precede Physics III. For admission, grades in Elementary Physics and Trigonometry are necessary. When advisable registration is permitted for partial courses, and for additional work necessary for graduation theses.

The various subjects are presented partly by text-books with recitations thereon, and partly by lectures. This class work on each subject is then followed by a laboratory course consisting of the following: (a) important experiments of an illustrative character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for further technical and engineering courses. It is also planned to prepare those who wish to teach Physics in high schools. The work is divided as follows: Physics II., four times a week beginning in the odd years; Mechanics of Solids and Fluids in the first semester, Sound and Heat (including Thermodynamics) in the second semester. Physics III., four times a week beginning in the even years; Light and Magnetism and part of Electricity in the first semester, Electricity and Light in the second semester. Those who are unable to take both Physics II. and III. will find the following the next best combination of courses: Physics II. and the second semester of Physics I., or Physics III. and the first semester of Physics I.

Course IV. Special work leading to the preparation of a report will be arranged when desirable.

BIOLOGY.

Professor Jenner—Mr. Job, Laboratory Assistant.

Course I. Zoology. Open to all college students. This course is designed to give the student a general survey of the whole subject of Zoology. Beginning with the lowest one-celled animals, the morphological structure of typical forms from each Phylum is studied in the laboratory with reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. In the treatment of the various topics, the economic phases are not overlooked. The lectures and quizzes are given at the conclusion of the laboratory work on each group. A certain amount of reading in the library is required in order to acquaint the student with other types than those studied in the laboratory. The first semester is devoted to the study of the Invertebrates beginning with the Protozoa. During the second semester a comparative study is made of the Vertebrates beginning with an ascidian. During the year the student is required to make a special study of some special topic and embody the results of such study in a paper, the same to become a part of his note book.

When this course is taken to satisfy the general science requirement the subject must be pursued throughout the year. Either semester can be taken as an elective. *M. T. W. T. from 1:30 to 3:30 throughout the year.*

COURSE II. a. BOTANY. Open to all college students. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desireable, but not required as a pre-requisite.

First semester M. W. F. 10:25 to 11:25.

b. BOTANY. Open to all college students. A brief survey beginning with the lowest plants and proceeding to the higher, studying typical forms of each division of the plant kingdom. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Second semester, M. W. F. 10:25 to 11:25.

COURSE III. BACTERIOLOGY. Open to all students who have had a course in Zoology or Botany either in secondary school or college. The work of this course consists of lectures, text-books and laboratory work. The object is to give the student a knowledge of the role played by bacteria in the life of other plants and animals, and to acquaint him with the methods used in their study. Some of the topics discussed are: the purification of drinking water; the removal of contamination from streams and lakes; sewage disposal for cities, towns, and dwellings; the enrichment of soil through the agency of bacteria; bacteria in the industries; bacteria as the cause of disease; sanitation.

The laboratory work consists of the study of a few types representative of the larger groups of bacteria. Special attention is given to the study of B. coli on account of the importance of this organism in the examination of drinking water. Each student will be required to work on some practical problem, such as the bacterial content of a measured quantity of air or water.

First semester, recitations at eight o'clock, M. W. F. Laboratory periods to be arranged. Three hours credit.

COURSE IV. EMBRYOLOGY AND HISTOLOGY. Open to students who have had zoology. A study of the origin and development of the different organs from the blastodermic layers of the embryo, and their structure in the adult. The student is required to master enough of microscopic technique to make some of his own preparations. Prepared series of the chick and pig embryos are available for study. The different tissues are studied with reference to their functions.

Second semester, M. T. W. T. 8:00 to 10:00.

COURSE V. MAMMALIAN ANATOMY. Grades in Zoology are necessary to registration in this course. Reichard and Jennings "The Anatomy of the Cat" is followed in laboratory work. The skeleton, muscles, and various organs of the cat are studied and drawings made as the study progresses. The drawings are subject to criticism; recitations and quizzes are held from time to time.

Course VI. Physiology and Hygiene. Open to juniors and seniors. It is desirable that Zoology and Histology be taken before this course is begun; it can, however, be taken with profit by those who have not pursued these subjects.

The object is to give the student a general knowledge of the functions of the human body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, laboratory experiments, and demonstrations from dissections of some of the lower animals. This course will afford an opportunity for those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work.

Throughout the year, M. T. W. at 3:30.

CHEMISTRY.

Professor J. Allen Baker—Roy Brourink, William Aten, Laboratory Assistants.

It is the aim of the department to meet the needs of two classes of students: those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance in everyday life. Its value as a purely educational factor should be kept in view. For training in habits of exactitude, for gaining helpful insight into the methods of evidence, chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the courses logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Chemistry I. General Chemistry. Four recitations per week or their equivalent in laboratory work. Elementary physics is pre-requisite. The recitation periods are devoted to discussions of chemical theories and quizzes on the experimental work. The common non-metallic elements will receive careful attention. Wherever possible the practical application of chemistry is brought before the mind of the student. Many chemical problems are worked during the year. The laboratory work throughout the year parallels the text book work.

Tuesday, Wednesday, Thursday and Friday, 1:30 to 3:30.

Chemistry II. Qualitative Analysis. This is primarily a laboratory course, although lectures and quizzes will be given as may seem necessary. Six hours laboratory work per week throughout the year. Chemistry I. is pre-requisite. Much attention will be given to equation writing and the rules which govern it. The work on the metals, taken in the latter part of Chemistry I. will be supplemented by special preliminary reactions which are used especially to identify the various elements. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same manner. In both basic and acidic analyses as many unknowns as practicable will be worked out. Unknowns are also worked involving both basic and acidic radicals. Finally alloys, ores and more complex substances will be analyzed as time permits.

Monday, Wednesday and Friday, 10:25 to 12:25.

Chemistry III. Quantitative Analysis. Four hours per week or their equivalent in laboratory work throughout the year. Chemistry I.

and II. are pre-requisite. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. One hour per week throughout the year will be devoted to Chemical Arithmetic. A thorough drill will be given in the fundamental chemical calculations.

Monday, Wednesday, Thursday and Friday, eight to ten o'clock.

CHEMISTRY IV. ORGANIC CHEMISTRY. Four hours per week or their equivalent in laboratory work, throughout the year. Chemistry I. and II. are prerequisites. The course includes a study of the theory of organic compounds, together with the making of various organic preparations.

Monday, Tuesday, Wednesday and Thursday, eight to ten o'clock.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged as required.

PUBLIC SPEAKING.

Professor Martin.

Course I. is a prerequisite of all other courses.

I. VOCAL CULTURE AND DECLAMATION. A study of pronunciation, articulation, and emphasis with exercises to develop purity, flexibility and strength of voice. Selections are committed and recited before the class. Cumnock, *Choice Readings.*

The first semester of this course is required of all college students and should be taken in either the Freshman or Sophomore year. Prerequisite, the minimum entrance requirements in English.

Tuesday and Thursday, 1:30.

II. EXTEMPORE SPEAKING AND ORATORY. History of Oratory with memorizing and delivery of passages from the great orations. Extemporaneous speeches upon assigned topics, suitable to various occasions are given each week in the first term of the second semester. Each student is required to write and deliver two orations. Cody, *Selections from the Great Orations.*

Tuesday and Thursday, 11:25.

III. DRAMATIC READING. Three hours a week throughout the year. A study of dramatic literature with presentation of scenes from classic plays.

Monday, Wednesday and Friday, 1:30.

IV. INTERPRETATION. Three hours per week throughout the year. The pre-requisite for this course is Literature VIII. and IX, a study ot nineteenth century poets. It is intended especially for students whose major is English and who intend to teach English Literature.

V. ADVANCED DECLAMATION. This course is open to senior students who have pursued all of the public speaking courses, and who have shown unusual ability. Each student meets the instructor privately twice a week and is expected to give a public recital before the close of the year.

Two hours a week throughout the year.

THE PROGRAM FOR PROGRESS.

The great need of Simpson College is the means which will enable us more adequately to provide for the splendid body of young men and women who come to us every year seeking a higher education.

Our facilities *must be* modern in every respect. The best way to assure the life and strength of the college for the years to come is to provide *now* better facilities for the work. We will guarantee a college thoroughly Christian in its ideals and tone, and strong and effective in its scholarship if we are supported by our constituency.

The program for the immediate future is this:

1. The increasing of the endowment to $500,000. At present the endowment is something over $200,000. It *must* be made $200,000 of *productive* endowment by Jan. 1, 1912.

2. The building of a new main building to contain an auditorium, college parlors for social events, quarters for the Y. M. C. A. and Y. W. C. A., and some greatly needed class rooms. This building should be about 120x75 feet and would cost about $80,000.

Mr. Hopper's magnificent offer to build the new gymnasium will release over $20,000 already raised, as a beginning toward this new building.

During the present year two new chairs have been established—that in History (the President was formerly Professor of History) and that in Education (Psychology and Pedagogy). These chairs are filled by men who have ample, modern training in their chosen fields. A new course of study along the best modern lines has been put in. The library is being practically doubled in its number of books.

Thanks to the munificence of Mr. Wm. Buxton and Mr. Harry Hopper, of Indianola, the chairs of Latin and philosophy have been endowed.

We appeal to the Christian men and women of our territory, to whom God has entrusted more of this world's goods than they require for their needs, to lend a part of their wealth for all time to the cause of Christian education at Simpson College. The dividends will be paid each year in a company of young men and women given a higher educations, trained in the Christian ideal and imbued with the Christian spirit, to go forth into all walks of life in these days as followers of Jesus Christ.

Some of God's stewards ought to remember the college in their wills. When you no longer have use for your money, let a portion of it go on serving after your days of serving are over. Here are forms which will insure the carrying out of such a wish:

I give and bequeath to Simpson College, located at Indianola, Iowa, the sum of ____________________ Dollars, to be added to and considered a part of the General Endowment Fund.

I give and bequeath to Simpson College, located at Indianola, Iowa, the sum of _________________ Dollars, to be used to endow a professorship to be named the _______________________ Professorship.

I give and bequeath to Simpson College, located at Indianola, Iowa, the sum of _______________ Dollars, to be used for Library Fund. The interest of said fund to be used for the purchase of books for the library.

Academy

THE ACADEMY.

BOARD OF INSTRUCTORS.

Francis L. Strickland, Ph. D.
President of the College.

Allen Ruggles, M. A.
Principal of the Academy.

Lora Hagler, A. B.
Instructor in English and Dean of Women.

Josephine McCleary, A. B.
Instructor in German and Latin.

Elizabeth Smith, A. B.
Instructor in History and Drawing.

Blanche Spurgeon, A. B.
Instructor in Mathematics.

Grace Beam, A. B.
Instructor in Mathematics.

Carroll D. Kirk, A. B.
Instructor in Physics.

THE ACADEMY.

The Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the Academy which was continued, remains today a useful department of the institution.

With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But that Simpson Academy still fills a needed place is abundantly demonstrated by the attendance and spirit of the Academy.

Several things are worth considering right here. In the first place, many towns of Iowa have not yet reached the point where they can maintain a fully accredited high school with the standard four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is aconsiderable advantage in being able to come to a college which maintains a high grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college fully prepared and without the handicap of being conditioned in any work required for admission.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the high school work for a year or two but gave it up. They do not wish to go back to the High School for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in the academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by the permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This of course is impossible at the regular high schools.

Much of the teaching in the Academy is done by the Instructors. In some cases however the Professors of the College give the instruction in their departments.

This is true in beginning the study of languages. We think it a matter of prime importance that students should begin the study of Latin, Greek, or German under the guidance of the most experienced teachers we have. Our students therefore have their *first* year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German and Greek.

There is careful supervision of the academy work by the heads of the departments. For we do not regard our Academy as a mere adjunct or excrescence of the College but as an important part of the institution.

Each member of the faculty makes a full written report four times a year to the President. This covers the work in the Academy just as much as in the College. And at the faculty meetings held every two weeks, the various parts of the work of the college come up for report and discussion.

In considering whether you would come to Simpson Academy, have you thought of the advantage of being in a school where the instruction is supervised by the experienced teachers of a college faculty, and where some of the instruction is given by them?

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years course may be admitted to any year by submitting certificates or other evidences of the amount and satisfactory character of the work done.

TIME REQUIRED.

For the average student it is expected that the full four years will be required for completing a course, but in the case of students who manifest unusual diligence or ability and whose grades are uniformly satisfactory, plans may be made, with the consent of the faculty, for reducing the time to three or three and a half years.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

No student will be recommended for graduation from the academy who has more than four semester credits ranking as low as seventy-five per cent.

PRIZES.

The Buxton Scholarship Prize for student of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars worth of books, is awarded to the member of the senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy, the gft of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the senior class who has been in attendance during the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

MILITARY DRILL.

Drill is required of all men of the academy until three years of drill are completed. Then drill is voluntary.

Drill is twice a week. No one may be excused from drill except on written permission of the Commandant and the endorsement of the President.

Credit for drill is given to academy students the same as in the college; it counting in their college credit, after entrance.

Drill taken in the Academy will count in making the student eligible for promotion to be officers in the Battalion.

LITERARY SOCIETIES.

The academy has two literary societies both of which are in good condition. The students are urged to join one of these societies and gain the culture and training which comes from participation in the regular work of the programs. Not only may we have practice in debate and parlimentary usage but may acquire the art of thinking on one's feet. The ability to express thoughts in smooth English is an accomplishment for which every student should strive.

The Lowell Lyceum, organized in 1891 and the Pierian Society are composed of both young men and young women of the Academy, Conservatory and School of Business. The regular meetings are held in their respective rooms every Friday.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements.

The work of the freshman year in college may be arranged to fit the students acquirements in language. The minimum requirements for admission to college may be found under the heading "Admission to College."

ACADEMY COURSE OF STUDY.

FIRST YEAR.

English	4	4
Latin	5	5
Algebra	4	4
Physiology	5	0
Botany	0	5
Rhetoricals	1	1
Free Hand Drawing	1	1
	20	20

SECOND YEAR.

English	4	4
Latin	5	5
Geometry	4	4
History, (Ancient)	4	4
Rhetoricals	1	1
	18	18

THIRD YEAR.

English	4	4		
Geometry	4	0	8	8
Algebra	0	4		
Two studies from this list.				
Latin	5	5		
German	4	4		
Greek	4	4		
U. S. History	4	4		
*Commercial	5	5		
*Normal	4	4	9	9
			17	17

FOURTH YEAR.

English	4	4		
Physics, Elementary	5	5	9	9
Two studies from this list.				
Latin	5	5		
Greek	4	4		
German	4	4		
Elementary Political Economy	5	0		
Physical Geography	0	5		
Commercial	5	5		
*Normal	5	5	9	9
*Oration				
			18	18

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units of which four must be in Foreign Language, two and a half in Mathematics; three in English; one in History and one in Elem. Physics.

Unit means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hours per week, each recitation period to be 50 minutes. (See Proceedings of N. Central Ass'n. P. 378.)

Fifteen units required for unconditional admission to college.

Fourteen units admit to conditional standing in the freshman class. Deficiencies must be made up by opening of the sophomore year.

*These subjects do not count in college entrance requirements.

ACADEMY MATHEMATICS.

Miss Beam Instructor.

ALGEBRA. I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Four hours per week throughout the year. Tues., Wed., Thurs., Fri. at 11:20.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials, and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Four hours per week throughout the year. Tues., Wed., Thurs., Fri. at 10:20 o'clock.

GEOMETRY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems in mensuration. Prerequisite, Geometry I.

Four hours. First semester Mon., Tues., Wed., Thurs. at 1:30 o'clock.

ALGEBRA II. In this course a few of the subjects treated in Algebra I. are taken up for reconsideration from a more advanced and critical view point. The development of number systems of algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few of the more advanced topics such as progressions, binomial theorem and logarithms may be included. Prerequisites, Algebra I. and Geometry I.

Second semester. Four hours. Mon., Tues., Wed., Thurs., at 1:30 o'clock.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the students to teach arithmetic in public school grades. Three things are to be undertaken, viz.: (1) to familiarize the student with arithmetic, (2) to guide the student in a study of the view-point and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text books.

Four hours. Second semester. Mon., Tues., Wed., Thurs. at 2:30 o'clock.

ACADEMY LATIN.

Professor Hunting, Miss McCleary.

The work of no year is more important than that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advance years, a serious lack in the first year's work.

In this year a complete and thorough drill in the elements of Latin grammar and in the general principles of language is given. Analysis and diagramming are used, as in English grammar, for the purpose of teaching language relations.

During the entire year the translation of English into Latin is emphasized as furnishing the best means of applying the principles of Latin grammar.

The second year is spent upon Caesar's Gallic War: together with Prose Composition based upon the text read. The drill in Latin grammar begun in the first year is continued, and more advanced work is given.

The third year is spent on Cicero's orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied.

With Virgil begins the real literature work. The Aeneid is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year, is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rythm of the verse. The study of mythology is begun with Virgil and is given much attention.

The Roman pronunciation of Latin is used.

ACADEMY GREEK.

Professor Baker.

I. Elementary Greek. This course occupies one year and covers the elements of the language, with continuous reading from the anabasis of Xenophon begun during the first month of the course.

First and second semesters. Tues., Wed., Thurs., Fri. 8 A. M.

II. Xenophen's Anabasis. This course includes four books of the Anabasis with such collateral reading as may be necessary for comprehending the hearing of the narrative. Exercises in oral and written Greek form a large part of the course.

First and second semesters. Tues., Wed., Thurs., Fri. 1:30 P. M.

ACADEMY HISTORY.

Professor Dodson, Miss Baker.

Two years of history are offered in the academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalizations before he has a sufficient number of concrete facts. The order should be reversed.

The teaching of civil government apart from its historical settings generally results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses.

I. Ancient History. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical development of ideas, rather than of forms, and of the reaction of environment upon earlier life. West's Ancient History is used.

Throughout the year; Tues., Wed., Thurs., Fri. 9.

II. United States History and Civil Government. A course in history and government from the discovery to the present time, with emphasis upon the period after 1789. James and Sanford, American History and Government in State and Nation, are used.

Throughout the year; Tues., Wed., Thurs., Fri. 9.

THE ENGLISH COURSE OF THE ACADEMY.

Miss Hagler, Miss Smith.

The purpose of academic English is to teach the student to express himself simply and clearly, to train the mind to understand fully what is read and heard, and to develop an appreciation of good literature. A thorough knowledge of elements of English grammar and composition is prerequisite to the academy English courses. If a student is found deficient in grammar or spelling, he will be assigned to other classes where he may make up this deficiency.

In the first year, the first semester is spent in the study of Rhetoric and Composition. The second semester will continue the study of composition but this work will be based on a study of the American classics. The aim of this year's work is to arouse interest in literature and to develop some skill in simple narration.

The study of the second and third years completes the college entrance requirements. It is expected that the student will gain a careful knowledge of the best of English literature and an understanding of history from collateral readings. The work of these years includes writings studied carefully in class and assignments for private reading on which reports are made. The composition of these two years is fitted to the subjects studied and the attention to this branch of English study is never overlooked. The student progresses to more difficult composition as the works studied become more difficult and he is continually taught to look for the excellencies of style in the writings under consideration.

The fourth year is spent in the study of Chaucer, Shakspere's Hamlet, Browning, Ruskin, and some of the argumentative prose works. Composition is continuous throughout the year, looking toward the preparation of the graduation orations. Each student is required to prepare, in the winter term of the senior year, an oration consisting of not more than fifteen hundred words. These orations are entered into the Buxton Oratorical Contest. The seven best are selected to be delivered during commencement week as the graduating exercises of the Academy.

ELEMENTARY PHYSICS.

Instructor in Physics.

Elementary Physics. A grade in at least one semester's work in Algebra is necessary to registration in this class. The work is planned to give a general knowledge of the subject, with a thorough study of the elements, both from a complete laboratory course in which individual experimental work is necessary, and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by "A Laboratory Course in Physics by the same authors.

Throughout the years, five hours a week.

PHYSICAL GEOGRAPHY.

Professor Tilton.

Physical Geography. In the elementary course in Physical Geography Dryer's "Lessons in Phsyical Geography" will be used as a text. The course as presented will give both a general knowledge of the subject and training in the application of the principles studied.

ELEMENTARY BOTANY.

Professor Jenner.

The course consists of a general survey of the whole field of botany in such a manner as to acquaint the student with the plant life about him, and give him a knowledge of the morphology, ecology and physiology of some of the typical seed plants. A minimum amount of work is done on an herbarium, but the student has it constantly impressed upon him that the study of plants is not primarily the study of flowers with a view to their arrangement in a systematic scheme. Emphasis is placed on life processes as the subject matter of botany. Stephen's Introduction to Botany will be used as a text in 1911-12.

ELEMENTARY HUMAN PHYSIOLOGY.

A general survey of the structure and functions of the human body with a view to giving the knowledge which every graduate of a secondary school should have concerning its proper care. Hough and Segwick's Human Mechanism is used as a text.

ELOCUTION.

Professor Martin.

The aim of this course is to develop an easy, natural and graceful manner in conversation and in public address. Exercises are given to correct faults in carriage and in breathing, articulation, and pronunciation. Practice is furnished in sight-reading, in the reading of essays, and in the rendition of oratorical and dramatic selections. The selections are committed to memory and recited before the class. *This course is required o f all first and second year preparatory students. One hour per week throughout the year.*

Normal Courses

These courses are intended to furnish pedagogical training to those who intend to enter upon the work of teaching in the public schools of the state.

The courses are fully accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing as taught in our public schools.

The vocal music will include the elements of music, sight singing, with the most approved methods of instruction for the public schools.

The physical culture will be under competent directors.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES.

I. GRADUATES OF THE COLLEGE who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education as outlined under its proper heading is, I. Theory and Practice of Teaching. II. Principles of Education. III History of Education. IV Principles of Secondary Education. V. Seminar—The Ideal School.

II. FIVE SEMESTER NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent.

The course includes. (a) Four semester's work from the college courses chosen under the guidance of the professor of education who is the adviser of all students taking the Normal Courses.

Education I which is the course in Theory and Practice of Teaching must be included in the above.

(b) In addition it is required that there be a review of the common branches, and a study of the methods of teaching them, as outlined in course III.

Those completing the five semester course for high school graduates will receive a diploma and will be thereby entitled to a two years' State Certificate. If success attend their work in the public school, a second grade State certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

III. A THREE YEAR COURSE for teachers, holding a First Grade Uniform County Certificate.

Persons entering this course without this qualification will be expected to make good the deficiency before receiving the diploma.

Those completing this course will receive the two year State certificate. The work is according to the following plan of study:

FIRST YEAR

First Semester		*Second Semester*	
Physiology	5 hours	Botany	5 hours
Composition	5	Rhetoric	5
Algebra	5	Algebra	5
History	5	History and Civics	5
Drawing	1	Drawing	1

SECOND YEAR

		Second Semester	
Psychology	5	School Management	5
School Sanitation	3	Elocution	2
English	4	English	4
Drawing	1	Drawing	1
Elective		Physical Geography	5

THIRD YEAR

		Second Semester	
English Literature	4	American Classics	4
Physics	5	Physics	5
Methods Geography	5	Methods Arithmetic	5
Methods Grammar	5	Methods Reading and Juvenile Literature	5
Music		Music	
Penmanship		Penmanship	

Conservatory of Music

SIMPSON COLLEGE CONSERVATORY OF MUSIC.

The purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

The courses of study and the general plan of work are modeled after the best schools of music of Europe and we believe we offer to the pupil advantages that cannot be excelled in the Middle West.

The Conservatory sets before its pupils the highest musical standards, and brings together the best teachers in the various branches of the art. The student not only has the benefit of the best instruction, but is afforded the inspiration of daily contact with others who are pursuing the same course. The college supplies an atmosphere of culture and instills in the student the habits of study and thought which are essential to success in any line of work.

An intelligent interpretation of any great work can only be given by one who has the mental training which enables him to grasp the noblest thoughts of the great composers. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The conservatory is situated in a pleastant college town, and because of its moderate size its faculty can meet the needs of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. We are not only able to come in personal contact with our students in the class room, but can, to a large extent, oversee their home life while with us and know something of the use of their leisure hours. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantages of school over private instruction are apparent. No matter what course be selected, the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building it at the northeast corner of the campus and is a substantial structure of pressed brick. This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. Teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library supply conditions favorable to the best work. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the students for practice at a nominal fee. From observing the work of the students we find that those who do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on the excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or voice, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for, and is one of our chief advantages, as we do not have to wait to send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano, Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follow music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. Post graduate course.
5. A course in Public School Methods.

BEGINNERS.

From the numerous inquiries that come to the Conservatory office from people all over the West it would seem many have formed the opinion that we accept only advanced pupils in the various lines of musical culture. We wish emphatically to state that this is an erroneous idea,—that while each year we receive an increasing number of advanced musicians and students from other schools who come here for instruction, we also are especially pleased to take those who are just beginning their musical studies. A great many who have taken up their studies here from the beginning have made unusual progress, as from the first they have had correct and careful teaching and have not formed havits of careless practice and performance. Pupils of all grades from actual beginners to those of high musical standing are accepted and will find here instructors who will suit the instruction to their special needs.

Instruction in the Conservatory is personal and is planned to meet the needs of the individual pupil of whatever grade, and the advantage of acquiring correct habits of practice and performance from the first is apparent to all.

LENGTH OF COURSES. The length of time required to finish courses 2 and 3 depends upon the ability of the pupil, and upon his concentration and industry. Few however are able to complete the work in less than four years.

THEORETICAL REQUIREMENTS FOR COURSES 2 AND 3, LEADING TO DEGREE OF BACHELOR OF MUSIC OR DIPLOMA. Harmony—Six terms. Counterpoint—Three terms. Analysis—Three terms. Musical History—Three terms. Biography of Musicians—Three terms. Ear Training—Two terms.

DIPLOMA. A diploma from the Conservatory is given to those who complete the theoretical requirements and finish the required work in either voice, piano, violin or pipe organ. Fee for diploma $3.00.

DEGREE. The degree of Bachelor of Music is awarded to everyone who completes the theoretical requirements and one other branch of musical study, who presents either a diploma from an accredited high school or a certificate of equivalent work. Fee for degree $5.00.

THE DEPARTMENTS OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and diminished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3d Term. The suspension, retardation, anticipation, unessential notes, organ point, dissonances, harmonizations of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double and triple counterpoint.

3d Term. Quadruple counterpoint. Counterpoint in five, six seven and eight voices.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette, Scherzo, Suite. Canon and fugue. With examination of the works of the classical composers in all the above musical forms.

3d Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week throughout the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the north; the Troubadors; influence of the church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extends throughout the year, one lesson per week.

PIANO.

Course I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces are selected as are calculated to cultivate a pleasing musical touch. Committing of all is insisted upon from the first of the course to its completion.

Course II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected,—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

Course III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform; and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals and able to follow the parts clearly he is able to take up the easier compositions by Bach, and the most modern composers.

Throughout the entire course special attention is paid to the study uf such works as are suitable for church work. The more advanced pupils study the instrument from an orchestral standpoint, and free use is made of the standard works of Bach, Guilmant, Rheinberger and others.

SINGING.

Singing is the musical interpretation of text, by means of the human voice. It logically follows then that the first and most important factor in singing is the presentation of the story; a presentation which puts the listener in a comfortable frame of mind, causing him to follow the story being sung just as he would were a splendid orator presenting it.

Often a young person, through good environment, and opportunity of hearing English well spoken as well as sung (which is a rarity), will sing simply and easily, and even artistically. Everyone enjoys hearing such a performance, and soon a teacher is in charge of the career of the promising beginner.

Instead of following along the path so happily stumbled upon the poor victim is usually overwhelmed by mythical and vague instruction to "place the tone." "Placing" a tone is just about as sure and tangible in its value as a means of acquiring control of one's vocal possibilities as the finding of the proverbial haystack needle.

A proper pronunciation of the vocal sounds and handling of the consonants is the greater part of vocal training. Scales necessarily must be sung with regularity, and special physical exercises practiced to eradicate whatever stiffness may exist in the respiratory or vocal muscles, and this only, tends to bring about a balance and poise, physical and mental.

The balance being established the student is ready to begin the development of his text presentation, as the vocal powers are now under control; and the mood of the singer is just as simply expressed, without thought of "nasal resonance", "head" or "chest tones" as is that of a child, who possesses the ability of expressing whatever it feels; and this is absolutely all so-called "tone placing" means.

The aim of the vocal department of Simpson Conservatory is to bring about such results, and even the choruses, Glee Club, etc., are rigidly required to present their work so clearly that anyone, however unmusical, may see the picture and understand the story presented.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced and musical studies and pieces. Ensemble playing, orchestral work, and the study of such pieces as are suitable for public performance.

COURSE III. Work designed to prepare the pupil for the concert platform or for teaching in our best Conservatories.

PUBLIC SCHOOL SUPERVISOR'S COURSE.

1st Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch, and rythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of melody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rhythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

5th Term. Advanced methods. Practice teaching in the Public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music. Choruses, Glee Clubs, sight signing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith Series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company. Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is largely observation work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.

TUITION.

	FALL 15 wks.	WINTER 12 wks.	SPRING 11 wks.
Registration fee (Required same as in College			
Piano, or Pipe Organ, Mr. Barrows	$29.00	$27.00	$19.00
Piano, Miss Barrows, or Mr. Olive	26.10	24.30	17.10
Piano, Miss Heaton	14.50	13.50	9.50
Vocal, Mr. Henderson	29.00	27.00	19.00
Vocal, Miss Mac Fadon	20.30	18.90	13.30
Public School Methods, Miss Silliman	14.00	13.00	10.00
Violon or Cello, Mr. Overholt	20.30	18.90	13.30
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Musical History, Ear Training or Biography of Musicians	5.00	5.00	5.00
Piano rent, one hour a day per term	3.00	2.75	2.25
Pipe Organ Rent, Conservatory Organ	4.00	4.00	4.00
Pipe Organ Rent, Church Organ	5.00	5.00	5.00
Music Rent (Required,) each instrument or voice	1.50	1.50	1.50

Students are expected to take two lessons per week in each branch pursued.

By special arrangements being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Henderson	$1.25 per lesson
Of Miss Barrows or Mr. Olive	1.00 per lesson
Of Mr. Overholt or Miss Mac Fadon	.80 per lesson
Of Miss Heaton	.60 per lesson

DISCOUNT. A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advince.

The study of two instruments and two branches of musical theory, or one instrument and voice, and two branches of musical theory, constitute "full music work."

School of Business

SCHOOL OF BUSINESS.

General Purpose. The School of Business of Simpson College furnishes instruction in all departments of a business education.

Requirements for Admission. Those who enter on the business course should have completed the common branches. Deficiencies may be made up by student entering the normal classes where reviews of the grade school studies are given. Grades from high schools will be accepted as in other departments af the college.

Courses of Study. In connection with the regular course leading to the degree of Bachelor of Arts the special course in the School of Business may be pursued for which partial credit will be given, so that one who desires to lead a life of active business may be prepared in all the special forms and practically equipped for this work.

Diploma Course of the School of Business. This course will consist of the technical work of the School of Business, and in addition thereto, the full work of an accredited high school. Evidence of graduation from other schools of first-class will be accepted, or the work may be pursued in the Academy.

Certificate Course of the School of Business. This course consists of the technical work of the School of Business and the completion of the ordinary public school common branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

The Business Course. Rapid Calculation, Penmanship, Bookkeeping in all forms, both single and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, English Composition, Civil Government, Commerce and Transportation, Economics and Elocution.

Method of Teaching Bookkeeping. The pupil is taught the principles of Bookkeeping through the medium of sets so arranged and graded that he is able to advance without difficulty. He is here instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book.

Business Practice. Continues through the entire course. In connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practice. We have separate offices for a Wholsale House, a Bank, a Commission House, a Commercial Exchange, a Freight Office, a Real Estate and Insurance Office and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms of the country.

The College National Bank is conducted on the principles of the national and private institutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists in buying and selling goods at wholesale, keeping a set of books, attending to correspondence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house in the country.

COMMERCIAL LAW. The student is instructed in the low af Contracts and Negotiable paper, also in the law governing Agencies, Partnership, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments, and Insurance.

CORRESPONDENCE. It is the duty of every Commercial student to make Letter-Writing a careful study, as the most delicate and complicated transactions are often required to be adjusted by letter.

The great amount of, business transactions through correspondence shows the importance of a thorough understanding of this subject; and owing to the fact that most favorably or unfavorable results frequently depend upon the construction of a single sentence, special prominence is given to this granch of instruction.

COMMERCE AND TRANSPORTATION. Is taught in such a way as to give the student a general idea of the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library.

BUSINESS WRITING. It matters little how well one may be prepared in the other branches of a business education, such knowledge will be limited in value, especially in obtaining employment, if it be not accompanied by a neat, legible and rapid handwriting. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for the accomodation of those desiring to devote themselves exclusively to penmanship, and is especially designed for those who desire to become teachers of the art. In this work pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

TEXT-BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES. The School of Business has many advantages over the ordinary college which come from its connections with a first class literary and scientific instutition. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business. These advantages are considerable and add the element of general culture.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business are given the degree of Bachelor of Arts, for which a parchment diploma is awarded. The fee is $5.

DIPLOMA COURSE. Those who complete the course in the School of Business and are graduates of accredited high schools, or have done equivalent work in other schools, receive a diploma, for which there is a fee of $3.

CERTIFICATE COURSE. Those who complete the course in the School of Business and are not graduates of accredited high schools, or have not completed equivalent work in other schools, but have completed all the common school branches, receive a certificate of graduation, for which there is a fee of $.

College Credit. Students who have completed the Business Course will receive credit for ten semester hours for this work in any of the regular courses of the College of Liberal Arts.

Work in Other Departments. Students registered in the School of Business have the privilege of registering for not more than ten hours a semester (two full studies) in Normal School, Academy, or College without additional tuition.

Training for Commercial Teachers. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character, and for several years there have been more applications for such help than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such employment.

Note: From Sept. 1910 to May 1911 we have had twenty-one calls for teachers of commercial branches. The salaries ranging from six to eighteen hundred dollars for the school year.

STENOGRAPHY AND TYPEWRITING.

The department of Shorthand and Typewriting is a part of the School of Business. The instruction is largely individual. Students may enter at any time and pursue their work without the delay of waiting for the organization of classes.

Text-Books. The Brief Course of Pitman Phonography, by Mrs. Arthur J. Barnes, is the text-book principally used for shorthand instruction, while the Barnes Instructors are used in typewriting work. These books are up-to-date and practical and are well adapted to rapid advancement and thoroughness on the part of the pupils.

When the whole time is devoted to shorthand the course may be completed in six months.

The Typewriters used are the Underwood. They are practically new and are kept in good condition, and the students are taught that neatness and accuracy in their typewriting work is of first importance.

The "touch method" of typewriting is taught exclusively.

Diplomas and Certificates. A diploma will be awarded to all students graduating from this department who at the same time file evidence of graduation from a standard high school or academy. Certificates will be awarded to all others complying with the conditions of the graduation. Fee in either case $3.00.

Entrance Requirements. The applicant for shorthand instruction must have a good knowledge of the common English branches, particularly Grammar and Orthography.

EXPENSES.

School of Shorthand and Typewriting, including fees, typewriter rent, and admission to the Lecture Course and all Athletic events: Per term of 9 weeks, $20.50; per semester of 18 weeks, $36.00.

Typewriting alone 50 cents a week, Undergraduate Shorthand, $3.00 per semester in addition to tuition in College of Liberal Arts.

Combined Courses. Those students who desire to pursue courses n both departments will be charged simply the tuition rates of Shorthand and Typewriting.

REGISTER OF STUDENTS.

COLLEGE ROSTER.
DEGREES CONFERRED AND DIPLOMAS GRANTED IN 1910.

DEGREES.

Master of Arts.

Julius E. Roberts	Chariton, Iowa.

Bachelor of Arts.

Edith Beatrice Beall,	Muskogee, Okla.
Milton O. Beebe	Harlan
John William Billingsley	Des Moines
Ethel May Cloud	Indianola
Eva Fuller	Villisca
Earl G. Gridley	Villisca
Geo. W. Hall	Dallas
John M. Hillis	Michigantown, Ind.
Edith Lisle	Linden
Hachiro Munakota	Kuradata Mutsee, Japan
Robt. A. McBain	Nodaway
Margaret Elizabeth Pemble	Indianola
Charity Proudfoot	Indianola
Floy A. Reed	Mt. Ayr
*Ethel B. Smith	Atlantic
Mabel Smith	Indianola
Florence H. Volk	Fairmount
Irma Estelle Walker	Council Bluffs

Bachelor of Music.

Esther Antrim	Cumberland
Carrie Helen Bates	Wells, Minn
Ethel Donzella MacFadon	Emerson
Rosine Ida Schreiber	Indianola
Beth Watson	Indianola

DIPLOMAS AND CERTIFICATES.

Five-Semester Normal Course.

Grace E. Beam	Indianola
Marion Hunt	Indianola
Wm. H. Mather	Belfast, Ireland
Harold Pemble	Indianola
Aletha Marie Scott	Indianola

Academy.

Laura Irene Bailey	Farra
Faye Forsythe	Griswol

Anna Louse Giles	Waukee
Glenn H. Humphrey	
Edith C. Loper	Carroll
Orville P. Manker	Elliott
Mary Alice Miller	Indianola
Joanna Smith Prather	Russell
John Truman Smith	Council Bluffs
Grace E. Thomas	Kent
Dale Weeks	Paton

School of Business.

Diploma Course.

John C. Canus	Indianola
Homer A. Fintel	Council Bluffs
J. Hugh Jackson	Indianola
F. Bryson Rice	Blanehard

Certificate Course.

Mattie Adkins	Davis City
W. C. Butrum	Indianola
A. A. Hayter	Anita
R. L. Leonard	Elliott
Howard C. Loper	New Virginia
Emmett H. Phillips	Indianola
Ober Putnam	Ackworth
L. M. Whitworth	Macksburg
F. N. Wilson	Chariton
Earl Wright	Indianola

Primary Methods.

Certificate Course.

Edith Gilliland	Indianola
Ira D. Sill	Indianola
Georgia Van Kirk	Silver City

Supervisors of Public School Music.

Certificate Course.

Ada B. Alexander	
Gladys M. Grogan	
Lucetta Matheny	Redfield, So. Dak.

Piano

Certificate Course.

Bessie Theta Hamilton	Indianola
Frances E. Sheffield	

PRIZES AWARDED IN 1910.

Badley-Schee Thesis	Grace E. Beam
Romans Oratorical	Silas L. Egly

Marsh Prize	Silas L. Eg
Buxton Scholarship	Grace E. Thom
Buxton Oratorical	Lyda Tenna

ANNUAL HONORS.

Grace Beam
Agnes Browne
Ilo Browne
Mabel Chase
Silas L. Egly
Edna Garms
Edith Hilton
Himena Hoffman
Eva Holmes
Leona Horn
Olga Jobes
Lois Karr
Lottie M. Lauck
Lorena Morgan
Ada Morris
Howard Noble
Florence Schee
Myrtle Schimelfenig
Mabel Smith
Helen Thompson
Irma Walker

LIST OF STUDENTS 1910-11.

COLLEGE OF LIBERAL ARTS.

Seniors.

(The completion of at least 89 semester hours of work required for classification as Senior)

Allen, Jesse W.	Cas
Alspaugh, Anna H.	Pomona, Cal
Aten, William G.	McClella
Baker, Maide	Indiana
Beam, Grace E.	Indiana
Brourink, Roy R.	Blaneha
Browne, Agnes	Indiana
Carnes, John C.	Indiana
Champlin, Howard W.	Charit
Clabaugh, Dessamond	Kamr
Cloud, Ethel	Indiana
Culver, J. Ray	Red O
Egly, Silas L.	Kellert
Harshbarger, P. Ray	Coop
Holmes, S. Roy	Indiana
Jenks, W. Roy	Emers
Keast, Martin	Billings, Mo
Marshall, Jesse E.	Indiana
Mercer, M. Ina	Prairie C
Mitchell, Morton L.	Oril
Osborn, Walter E.	Indiana
Pierce, Mabel	Lew
Rhode, Ellis G.	Cumberla
Schimelfenig, Myrtle	Indiana
Stone, Edward L.	Indiana
Swick, Robt. W.	Rollo, M
Thompson, Helen	Indiana
White, Doris E.	Indiana

Juniors.

(The completion of at least 56 semester hours of work required for classification as Junior)

Bardick, Ada	Indiana
Beatty, Frank W.	Fort Dod
Brown, Ilo	Indiana
Butler, Wm. P.	Indiana
Collins, Robt. G.	Indiana
Currier, J. Russell	Indiana
Dieterich, Fred W.	Indiana
Dooley, Harry	Atlan

yke, Laurena	Indianola
ickel, June	Hastings
olden, Clara	Indianola
arned, Frederica	Indianola
offman, Himena	Leon
offman, Ivan	Redding
olmes, Alice	Indianola
olmes, Eva M.	Indianola
ooker, Walter	Blarehard
oover, Grace	Indianola
orn, Leona	Greenfield
oulette, John M.	Triona, Texas
owser, Jessie	Indianola
ackson, J. Hugh	Indianola
ones, Jennie D.	Stanberry, Mo.
ob, Thesle T.	Indianola
east, Arthur P.	Billings, Mo.
nudson, Anna	Indianola
awton, Geo. A.	Ogden
acFadon, Mildred	Emerson
cGranahan, Floyd	Indianola
allonee, Dee	Indianola
athews, William H.	Blanchard
iller, Leo B.	Indianola
sborn, Boyd	Des Moines
arkins, Leroy E.	Knowlton
ierce, Cora A.	Lewis
otter, Olive	Griswold
eed, Carry V.	Wichita, Kansas
ush, Edith F.	Villisca
amson, Eloise	Indianola
aul, Oliver W.	Denison
ayre, Nellie M.	Wick
haffer, Genevieve	Casey
locum, Eugenia	Indianola
mith, J. Truman	Council Bluffs
oelberg, Chris J.	Bogsted Mark, Sidal, Denmark
alker, Elizabeth	Paton
hitney, Ada	Indianola
ingett, John C.	Osceola
ockey, Mila	Watertown, So. Dak.

Sophomores.

(The completion of at least 22 semester hours of work required for classification as Sophomore)

nderson, Myron S.	Indianola
nderson, Stanley E.	Indianola
rown, Genevieve	Indianola
utler, Carl H.	Indianola
utterfield, Mary	Indianola
hase, Mabel	Leon
ollins, Ira K.	Indianola
ondit, Ruth	Indianola
oryell, Relta	Indianola
ePuy, Alice A.	Des Moines
ieterich, Chas. W.	Indianola
ilts, Elbertine	Indianola
udley, Jno. Merrill	Carroll
unn, Rex A.	Milo
usden, Ralph B.	Marne

Eyre, J. Ralph	Osceol
Foster, Harold R.	William
Garnes, Edna	Bayar
George, Grace	Dexte
Glasscock, Floyd E.	Spring Hil
Greenwalt, Gilbert C.	Indianol
Guthrie, Martha	Indianol
Hardin, Roy S.	Indianol
Harding, Wm. G.	Blair, Neb
Harp, Ruth E.	Prairie Cit
Hastie, Wihlma	Indianol
Hilton, Edith L.	Malver
Hunsicker, Bernice	Indianol
Huston ,Ralph R.	Russel
Igo, Agatha	Indianol
Jobes, Olga E.	Atlanti
Jones, J. Kissler	Bedfor
Jones, Oscar	Holdridge, Neb
Karr, Lois	Indianol
Lauch, Lottie M.	Indianol
Leckliter, Cleo	Cornin
Lippincott, Otus G.	Nickerson, Kansa
McGranahan, C. Ethel	Indianol
Martin, Elbert C.	Melros
Martin, Madge R.	Indianol
Miller, Robert P.	Tingle
Moats, Francis	Villisc
Morley, Fred S.	Gravit
Morris, Ada P.	Carso
Moss, Grace	Fremont, Neb
Noble, Howard S.	Indianol
O'Garro, Jennie	Des Moin
Payton, Edith	Bedfor
Peasley, Alice V.	Indianol
Piffer, Anna	Indianol
Piffer, Lois	Indianol
Porterfield, Lois	Indianol
Rice, Templeton	Blanchar
Rink, Marguerite	Stua
Rusk, Frank	Indianol
Sells, W. Arthur	Indianol
Shriver, Beulah	Indianol
Smith, Gladys	Stua
Tennant, Mark R.	Columb
Tilton, Besse S.	Indianol
Tyler, Bertha	Villisc
Vollmar, Paul	Indiano
Walker, Emma S.	Pato
Wayt, Jos. D.	Indiano
Whalen, Rheba	Straha
White, Edith M.	Afto
Whitney, Helen	Indiano
Wilson, Helen	Hastin

Freshmen.

Ainley, Hope	Monrovia, Cali
Ainley, Ralph G.	Monrovia, Cali
Anderson, Clarice	Per

Baker, Russell D.	Indianola
Bardrick, Walter A.	Indianola
Bates, Daniel R.	Guthrie Center
Beach, Paul I.	Indianola
Bingaman, Mary A.	Indianola
Blacklock, Chas. W.	Sydney, Australia
Blakeman, H. Letha	Norfolk, Nebr.
Boss, Frankie Ellen	Indianola
Bowen, Alfred H.	Denison
Boyd, Elizabeth F.	Glidden
Butler, Lee W.	Indianola
Clark, Claud	Indianola
Clark, Emmer	Casey
Crabbe, Amy P.	Indianola
Dudley, Warren S.	Indianola
Dye, Luella	Macedonia
Ervin, Glenn	Kellerton
Forsythe, Geo. W.	Redfield
Galvin, Bernice	Pleasantville
Gates, Hazel	Audubon
Goodsell, Nelson J.	Lennox
Harvey, Irene N.	De Soto
Haseltine, Bernice	Grand Junction
Healy, Hazel M.	Bedford
Henderson, V. W.	Indianola
Hestwood, Harlan	Indianola
Hobson, Helen	Indianola
Hohansheldt, Anna	Chariton
Holmes, Elmer M.	Indianola
Hoover, Irene Ethel	Indianola
Jackson, Chas. R.	Kellerton
Johnson, Bessie	Earlham
Johnson, John L.	Earlham
King, Nina	Corydon
Kinser, Neva M.	Coon Rapids
Kipp, Roscoe C.	Elliott
Lamb, Doris G.	Indianola
McKay, Wm. R.	Redfield
McMains, Erma Z.	Derby
Manker, Orville P	Elliott
Maxwell, Vera	Indianola
Miller, Bessie L.	Harlan
Miller, L. Wayne	Guthrie Cente
Moats, Francis I.	Villisca
Moon, Nellie	Albia
Moore, Una Grace	Indianola
Morley, Ina	Gravity
Murdock, Chas. R.	Indianola
Neff, Ree	Bethany, Mo.
Nims, Arch	Emerson
Piffer, Robt. M.	Indianola
Plymate, Emma B.	Russell
Potts, Lulu	Malvern
Reynolds, Grace A.	Villisca
Reynolds, Mabel L.	Villisca
Rhode, Edward D.	Randolph
Rice, Bryson	Blanchard
Roadifer, Jessie	Logan
Sauer, Theodore	Indianola
Schimmelfenig, Kathryn	Indianola

Shaw, Mary J.	Nevada
Shriver, John H.	Indianola
Smith, Francene C.	Winterset
Smith, Harry G.	Walnut
Sones, F. Howard	Indianola
Starks, Mary	Mitchellville
Stephens, M. Hugh	Lenox
Steward, Bertha E.	Grand Junction
Stire, Glenn	Indianola
Stubbs, Walter C.	Riverton
Tennant, Lida	Columbia
Thompson, Albert	Stuart
Thompson, Mary	Indianola
Trowbridge, Willis B.	Des Moines
Tyler, Harry M.	Villisca
Tyler, Henry F.	Villisca
Van Vlack, Grace	Atlantic
Vollmar, Grace	Indianola
Watson, Besse	Audubon
Watson, Joe, J.	Indianola
Weeks, Dale	Paton
Winter, Malcolm	Truro
Wycoff, Ethel	Mt. Etna
Wycoff, Ray S.	Corning

ACADEMY.

Fourth Year.

Anderson, C. Ralph	Minburn
Benge, Catherine J.	Pleasantville
Bingaman, Benj. H.	Chariton
Bliss, Edith C.	Diagonal
Bliss, Frank H.	Diagonal
Carson, Beatrice	De Soto
Clements, Maude	Earlham
Cooper, Myrtle	Conway
Cooper, Ruth	Conway
Fitzgerald, H. M.	Kent
Fleck, W. Roy	Kirkman
Frye, Ermie B.	Sheridan, Mo.
Grimes, Margaret	Derby
Holton, Bond	Braddyville
Johnston, Nora	Chariton
Kirk, Geo. E.	Ames
Lacy, J. T.	Lebanon, Ore.
Naylor, D. O.	Bagley
Nisely, Leroy	Kent
Roberts, Pansy B.	Dawson
Ruggles, Ethel E.	Des Moines
Shanahan, Alfred	Kent
Shore, Lester	Russell
Shupe, Archie G.	Liberty Center
Slocum, Edwin L. H.	Minburn
Stahl, Bessie	Diagonal
Storey, Dorothy	Indianola
Throckmorton, Miriam L.	Derby
Trumbo, Rolla C.	Indianola
Turner, Wm. R.	Adair
Winslow, Marie A.	Indianola
Worthington, Faye	Pleasantville

Third Year.

rnold, H. G.	Norwalk
shby, Helen J. C.	Des Moines
lark, Merrill H.	Indianola
enney, Susie E.	Redding
unn, Hazel	Villisca
lliott, Gertrude	Walsenbur,g Colo.
auntz, Ina L.	Lacona
ray, Hattie L.	St. Charles
arrison, Izola	Indianola
edrich, Lloyd E.	Knoxville
offman, Florence E.	Redding
ern, H. J.	Norwalk
yger, Josephine	Stanberry, Mo.
eech, Edith N.	Diagonal
undy, Beatrice	Indianola
anley, Daisy M.	Milo
ay, Jos. A.	Columbia
urphy, Hallie L.	Liberty Center
key, Robt. M.	Prescott
ay, Mina G.	Indianola
heppard, Jerave	Mt. Ayr
ummers, John E.	Indianola
Vilson, C. Mabel	Columbia
Vilson, Faye	Hastings
Voods, Ola M.	Indianola

Second Year.

aft, Glenn	Griswold
icher, Lorraine B.	Indianola
rush, Chas. O.	Indianola
ulmer, Fred R.	Council Bluffs
eredith, Ezra W.	Indianola
orris, Olive	Derby
easley, Harold R.	Indianola
rall, Arthur M.	Carlisle
rall, Lola M.	Carlisle
cherer, Fred M.	Afton
rumbo, Chas. H.	Indianola
an Vlack, Vera	Atlantic
olfe, Edw. A.	Harper
right, Howard	Indianola

First Year.

rown, Ralph N.	Chariton
larke, Carl	Huntley, Mont.
lements, Hortense H.	Earlham
lowers, Forest	Corning
elzer, Myrtle B.	Graham, Mo.
ickman, Frank J.	Indianola
cDaniel, Ralph	St. Charles
cGowan, Harold G.	Council Bluffs
cPherson, Walter	Indianola
ayes, Jay	Greenfield
iller, Emma L.	Redding
orris, Sydney H.	Commerce

Nicholson, Grace	New Virginia
Perkins, Forest	Indianola
Shore, Bessie F.	Russell
Snyder, J. J.	Ottumwa
Sutton, Carma	Derby
Thurslow, Lula M.	Leslie
Triplett, Roy V.	Woodbine
Trueblood, Oscar	Indianola
Utterson, Cecile M.	Summerset

SCHOOL OF BUSINESS.

Baker, Russell D.	Indianola
Bates, Alfred E.	Wells, Minn.
Beatty, Frank W.	Fort Dodge
Blain, J. J.	Indainola
Blythe, Harold	Ogden
Brand, Arthur	Indianola
Brown, Chas. W.	Indianola
Brown, Paul	Indianola
Brown, Ralph	Chariton
Brown, Roy	Indianola
Buckingham, Julia	Indianola
Burmeister, Eloise	Indianola
Coffin, Jessie M.	Indianola
Curley, Cora M.	Indianola
Dowell, Roy	Indianola
Drennen, Glenn V.	Mt. Etna
Dyken, Anna	Woodburn
Egly, Silas L.	Kellerton
Fickel, June	Hastings
Giliner, Rebecca M.	Elliott
Glasscock, Floyd E.	Spring Hill
Graves, Nile A.	Indianola
Greenwalt, Gilbert C.	Indianola
Hamilton, Victor H.	Indianola
Hamilton, Wm. Tyler	Indianola
Hooker, Russell W.	Northboro
Jenks, W. Roy	Emerson
Kyger, Wesley	Stanberry, Mo.
Laey, J. T.	Lebanon, Ore.
McBride, Mabel	Pleasant Hill
McCaughin, Wm.	Indianola
McClurg, Alonzo	Logan, Okla.
McDale, Arch	Indianola
McGowan, Harold	Council Bluffs
McMillen, Lloyd	Indianola
McPherson, Malcolm	Indianola
Marshall, Roy	Indianola
Michelson, Ora	Lamoni
Miller, Elliott	Carlisle
Miller, Walden C.	Indianola
Morris, Chas.	Stanberry, Mo.
Nims, Arch	Emerso
Noble, Wm. Bruce	Indianola
Park, Otto Roy	Cline Falls, Ore.
Peck, David E.	Worthboro
Richards, Wesley S.	Worthboro
Sandy, Thos. J.	Liberty Center

Shivvers, Ralph	Knoxville
Smith, Harry H.	Van Meter
Stephens, Walter	Norwalk
Traut, Edith	Indianola
Veith, Chester	Oakland
Weeks, Dale	Paton
Wright, Earl	Indianola

NORMAL.

Boynton, Marea	Chariton
Gates, Roena	Norwalk
Wachlin, Amy E	Weldon
Owens, Augie M	Hastings
Perkins, Beatrice	Norwalk
Poling, Bertha	Lacona
Van Pilseun Arie	Leighton
Werts Leila	Russell
Witt, Ward	Columbia
Wright, Clara	Indianola

School of Music.

Ault, Enola	Braddyville
Adair, Alta	Redding
Allen, Mrs. J	Casey
Ainley, Hope	Monrovia, Calif.
Boss, Elsie	Indianola
Baker, Bonna	Audubon
Bange, Catherine	Pleasantville
Barthold, Evelyn	Hill City, S. Dak.
Butler, Ruby	Indianola
Busby, Beulah	Nevada
Broadus, Mildred	Indianola
Blacklock, Chas	Sydney, Aust.
Bates, Alfred	Wells, Minn.
Bowlin, Helen	Indianola
Boyd, Elizabeth	Glidden
Blakemen, Letha	Norfalk, Neb.
Brown, Zilpha	Anita
Buxton, Ruth	Indianola
Culver Adda	Knoxville
Cooper, Ruth	Conway
Cooper, Myrtle	Conway
Cheek, Mae	Kansas City
Catterlin, Fern	Winterset
Carnes, Leta M	Indianola
Clark, Merrill	Indianola
De Witt, Maud	Elliott
Dilts, Mildred	Indianola
Dickey, John	Griswold
Davis, Harold	Logan
Dudley, Warren	Indianola
Darnell, Hazel	Indianola
Dye, Luella	Macedonia
Elliott, Gertrude	Walsenburg, Colo.
Egli, Anna	Grand Junction
Fett, Mabel	Clearfield
Fickel, June	Hastings

Farlow, Ruby	Indiano
Gilmore, Clara	Red Oa
Gibson, Elsie	Griswo
Gardner, Amy	Indiano
Garnes Edna	Bayar
Gilliland, Allie	Rippe
Gilliland, Alice	Jefferso
Gibbs, Mabel	Glenwoo
Gulick, Ethel	Deniso
Guy, Lorraine	Indiano
Hobson, Helen	Indiano
Hughes, Berdena	Fairfie
Helzer, Mabel	Graham, M
Hunsicker, Dr. C. L	Indiano
Hand, Henry	Stanberry, M
Hand, Mrs. Henry	Stanberry, M
Hovey, John	Tacoma, Was
Harrison, Mrs. Izola	Indiano
Hopper, Byron	Indiano
Holmes, Alice	Indiano
Iler, Leola	Indiano
Igo, Agatha	Indiano
Johnson, Mildred	Indiano
Johnston, Bernice	Charito
Jones, Oscar	Holdredge, Ne
Judkins, Kathryn	Indiano
Kinser, Neva	Coon Rapi
Knudson, Anna	Indiano
Legge, Bertha	Indiano
Labertew, Corena	Indiano
Maxwell, Vera	Indiano
McCombs, Blanche	De So
McFerrin, Eunice	Indiano
McNeill, Nada	Silver Ci
McBride, Carrie	Des Moin
Mas Fadon, Ethel	Emers
Mac Fadon, Mildred	Emers
McConnell, Mary	Council Blu
McGranahan, Ethel	Indiano
Morley, Ina	Gravi
McCaughn, May	Indiano
Murray, Homer	
Martens, Matilda	Somers
Moon, Nellie	Alb
Manker, O. P.	Ellio
McCarty, Edith	Ani
Neff, Ree	Bethany, M
Nisley, Roy	Ke
*Owen, Celia	Indiano
Phelps, Harold	
Proudfoot, Charity	Indiano
Pearson, Lena	Eagleville, M
Peck, Ina	Indiano
Price, Dorothy	Indiano
Porterfield, Lois	Indiano
Quante, Mrs. O. H.	Indiano
Reith, Ruth	Indiano
Rohrer, Lora	Ripp
Rank, Pearl	Denis

oss, Miriam	Afton
hreiber, Cecil	Indianola
hreiber, Ida	Indianola
hee, Jessie	Indianola
ibold, Hope	Stanberry, Mo
haforth, Huldah	Nodaway
wartslander, Guy	Indianola
gler, Helen	Indianola
ampson, Pearl	Indianola
ore, Bessie	Russell
wank, Vera	Indianola
orey, Dorothy	Indianola
hompson, Mary	Indianola
hompson, Aline	Greeley, Colo.
rowbridge, Ella	Des Moines
ollmar, Kathryn	Indianola
an Vlack, Vera	Atlantic
oodward, Laura	Indianola
einmann, Effie	Indianola
einmann, Will	Indianola
elch, Margaret	Clarinda
right, Florence	Keota
arren, Nellie	Indianola
inter, Malcolm	Truro
atson, Beth	Indianola
hitney, Helen	Indianola
hite, Edith	Afton
illiams, Minnie	Ackworth
augh, Opal	Grant City, Mo
ilson, B. O.	Indianola
inslow, Marie	Indianola
right, Don	Indianola
lla, Bertha	Ankeny

eceased.

SUMMER SCHOOL 1910.

College

spaugh, Anna	Pomona, Calif
aer, Howard	Cumberland
ker, Maide	Indianola
eam, Grace	Indianola
ngaman, Mary	Indianola
owne, Agnes J	Indianalo
own Genevieve	Indianola
owne. Ilo	Indianola
ark, Claud	Indianola
llins, Robt G	Indianola
lver, J. Roy	Red Oak
iterich, Chas W	Indianola
lis, Elbertine	Indianola
oley, Harry	Casey
ke, Laurena	Indianola
gly, Silas L	Kellerton
rtney, Ruth E	Indianola
arred. Frederica	Indianola
arp. Helen	Prairie City
lmes, Eva	Indianola

Holmes, Roy	Indiano
Hunsieker, Bernice	Indiano
Hunt, Marion H	Indiano
Jones, Jennie D	Stanberry, M
Jones, Oscar R	Holdredge, Ne
Keast, Arthur P	Billings M
Lanek, Lottie M	Indiano
Osborn, Edith	Indiano
Osborn, Walter	Indiano
Peasley, Leone L	Marshalltow
Pemble, Harold H	Indiano
Pemble, Margaret	Indiano
Pierce, Mabel E	Lew
Perley, Hazel	Indiano
Samson, Eloise	Indiano
Sayre, Nellie M	Wic
Schimelferig, Myrtle	Indiano
Slocum, Eugenia	Indiano
*Smith, Eathel B	Atlant
Truitt, Harold	Indiano
White, Doris	Indiano
Whitney Ada	Indiano

Academy

Clark, Claud	Indiano
Johnston, Nora	Charit
McCoy, Gladys	Indiano
Pemble, Harold	Indiano
Perry Guy A	Aft
Price, Gladys	Indiano
Schrier, Edna Mae	Indiano
Vollmar, Grace	Indiano

School of Business.

Adkins, Mattie	Davis Ci
Baer, Howard	Cumberla
Burmeister, Eloise	Indiano
Carnes, John C	Indiano
Gridley, Earl G	Villis
Jenks, Wm. Roy	Emers
Lippincott, Otus G	Wickerson, Ka
Mather, Wm H	Belfast, Irela
Phillips, Emmet H	Indiano
Prather J E	
Reese, Wm. H	Indiano
Wilson, Fred W	Columb

*Deceased

Primary Methods.

Bates, Elsie	Boo
Henn, Lillian	Northbo
Heath, Helen	Indiano
Keck, Lola	Wapel
Loper, Ora	New Virgin
Ruby, Ima	Indiano

Normal

Armstrong, Carrie	St Charles
Bartholomew, Venna C	Carlisle
Bolyard, Mona	Ackworth
Bradford, Jessie O	Indianola
Buckingham, Harriett	Indianola
Clayton, Iva J	Indianola
Devore, Lula	Ackworth
Fields, Icy Mae	Carlisle
Forman, Blanche	New Virginia
Halterman, Nellie M	Hartford
Harned, Eunna M	Indianola
Haworth, Nona	S tCharles
Henson, Blanche	Indianola
Hodson, Bessie E	Ackworth
Hollin, Christina M	Massena
Hollen, Mae	Mt Ayre
Hughes, Pearl	Creston
Hunt, Anna D	St Louis Mo.
Hurlbut, Edna	St Charles
Johnston, Bessie E	St Charles
Jones, Edna May	Lacona
Kail, Mary E	Cralisle
Kinzey, Florence	Milo
Laberten, Helen	Milo
Lewis, Naomi	Cralisle
Mercer, Vinton P	Prairie City
Miller, Harry	Indianola
Miller, Mary Alice	Indianola
Moxley, Grace E	Norwalk
Noble, Bessie F	Indianola
Perley, Hazel	Indianola
Parish, Mrs. Eva	Davis City
Prather, Joanna S	Russell
Prather, J. E.	
Sandy, Emma E	Milo
Sheppard, Jonave	Mt Ayre
Shupe, Emma Helen	Liberty Center
Snider, Jessie M	St Charles
Stanger, Marjorie	Milo
Stanley, Lula	Indianola
Stickel, Helen	New Virginia
Townsend, Walter	Indianola
Truitt, Harold	Indianola
Trumbo, Ruby E	Indianola
Wheeler, Eva	Indianola
Whitlow, Ethel	Milo
Whitlow, Velma	Milo
Williams, Ruth	Indianola
Wilson, Gertie	Lacona
Wilson, Neva	Columbia
Young, Flossie	St Charles

SUMMARY.

COLLEGE OF LIBERAL ARTS.		
Seniors	28	
Juniors	49	
Sophomores	68	
Freshmen	87	2
ACADEMY.		
Fourth Year	32	
Third Year	25	
Second Year	14	
First Year	21	
SCHOOL OF BUSINESS		
SCHOOL OF MUSIC		1
NORMAL		
SUMMER SCHOOL 1910		1
GRAND TOTAL		6
COUNTED TWICE		
NET TOTAL		5

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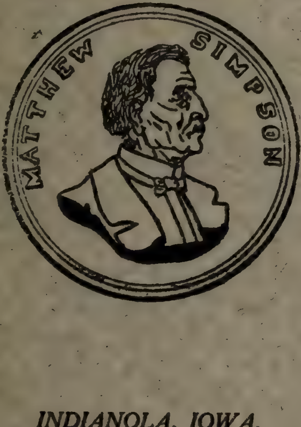
THE CATALOGUE

—OF—

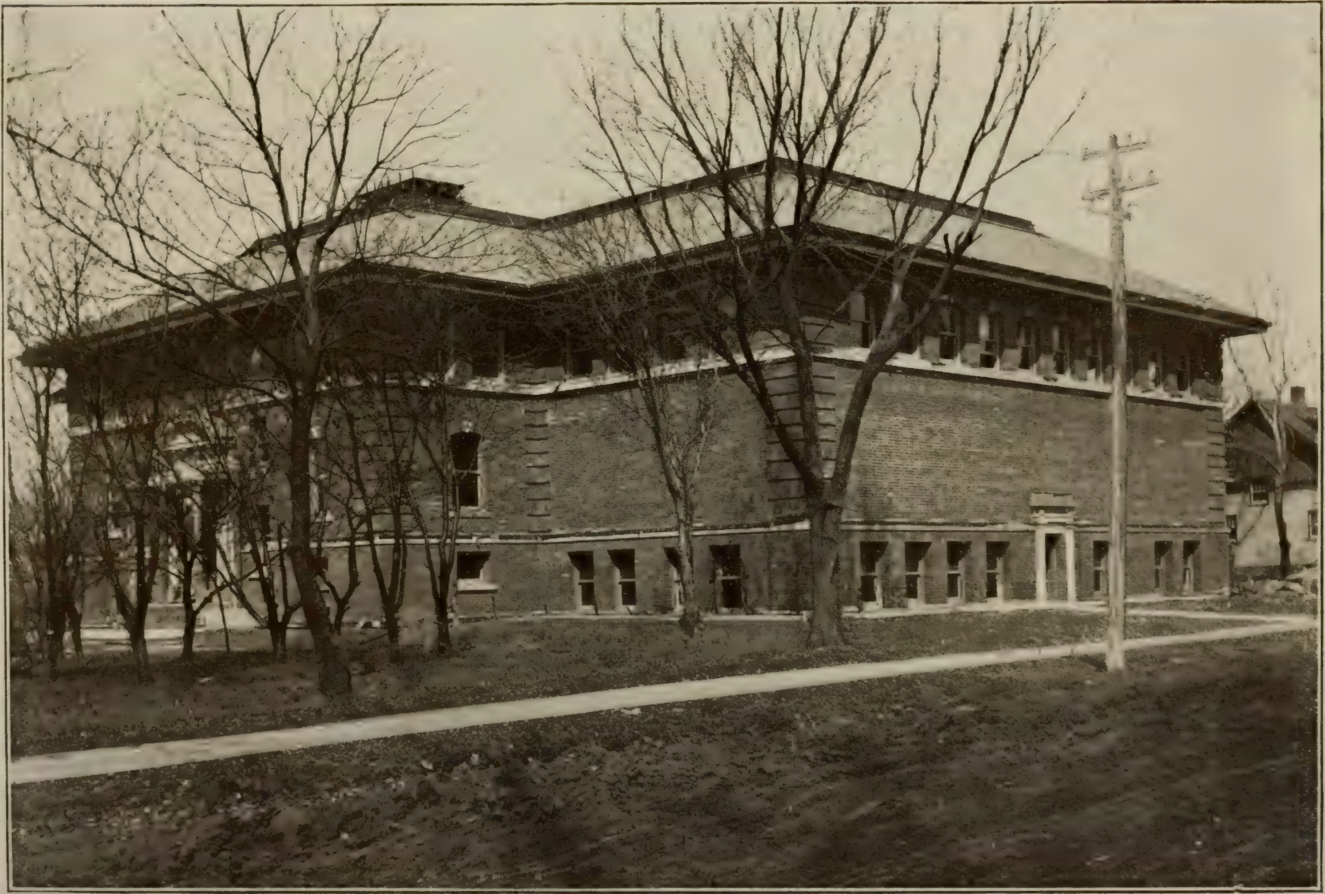
Simpson College

Thirteenth Series QUARTERLY BULLETIN *Number 3*

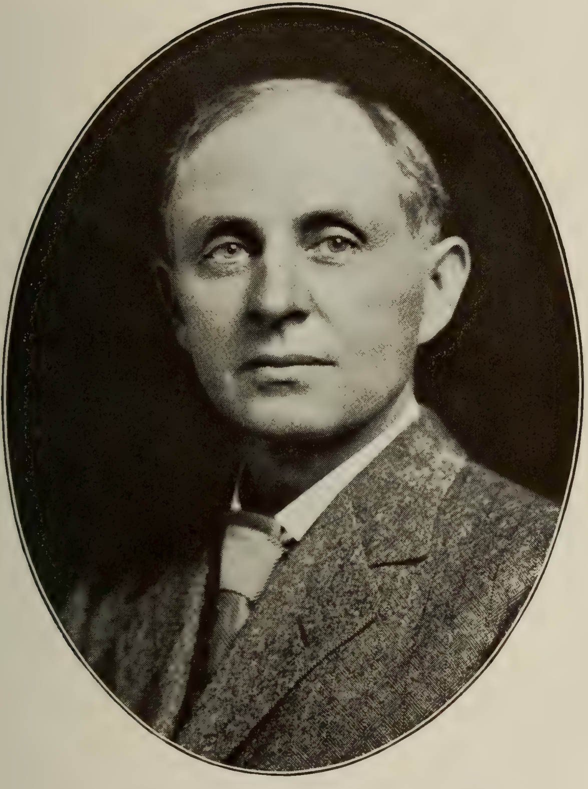
April, 1912


MATTHEW SIMPSON

INDIANOLA, IOWA,
PUBLISHED BY THE COLLEGE



THE HOPPER GYMNASIUM-----SIMPSON COLLEGE



MR. HARRY E. HOPPER

The Hopper Gymnasium of Simpson College.

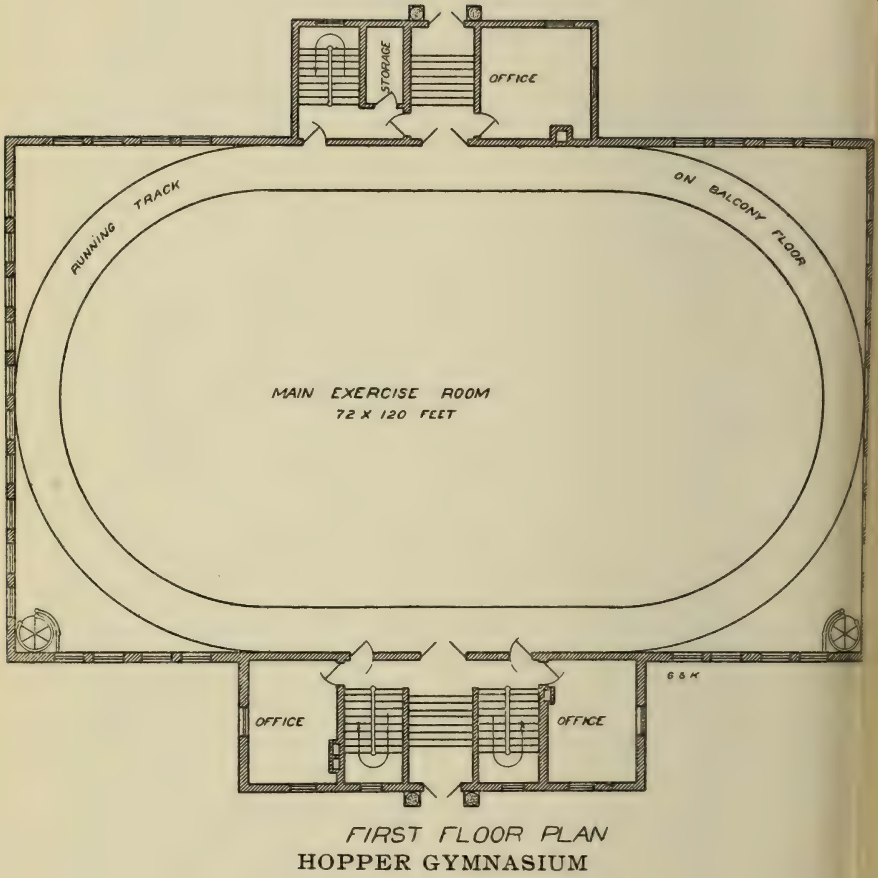
THE new Gymnasium, the gift of Mr. and Mrs. Harry E. Hopper to Simpson College is one of the most modern and complete buildings of its kind in the middle West. It is substantially constructed of pressed bricks, trimmed with Bedford Stone. The length is 120 feet and the width 106 feet. It is three stories high and the roof is of varigated slate. There are two entrances, one on the north side and the other on the south. Both are ornamented with carved stone with fluted columns at the sides. Wide stairways extend from the basement to the gallery floor.

On the first, or basement floor are located the Men's locker rooms with capacity for 400 steel lockers. There are twelve shower baths conveniently arranged. These baths are of the most modern construction, slight turns of the indicators affording any desired temperature, but scalding is rendered impossible. The bath rooms and toilet rooms are finished in tile and white enameled bricks.

In the East part of the building are the Women's locker rooms with capacity for 300. There are nine baths around each of which are grouped lockers and dressing rooms. An admirable arrangement of these affords both convenience and complete privacy.

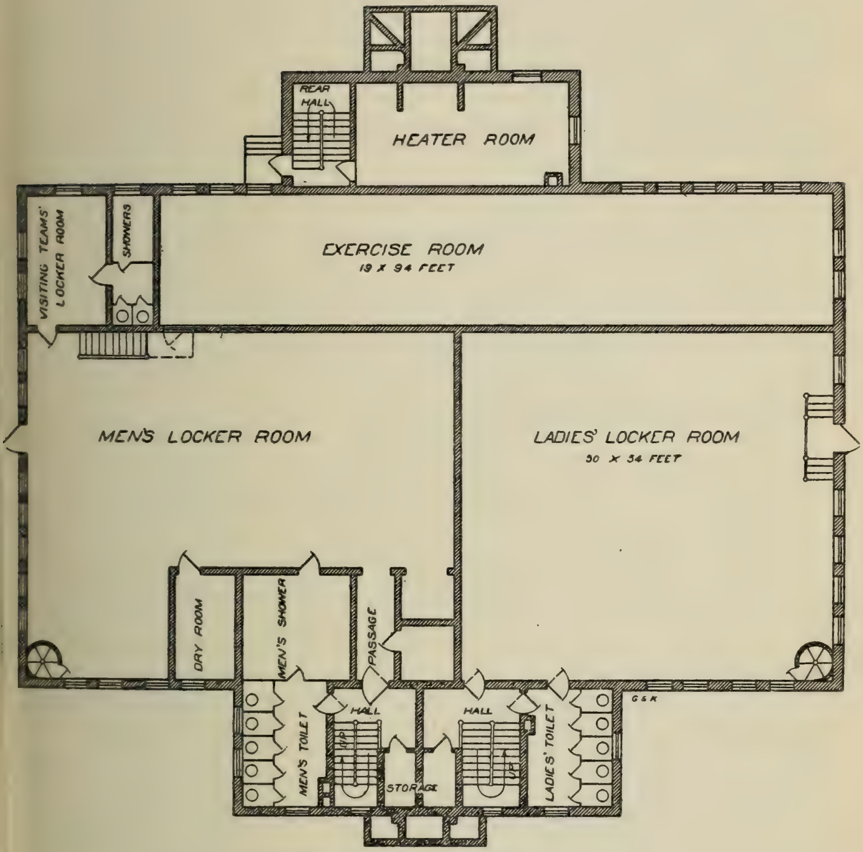
The equipments of the men and of the women are separated by a solid brick wall and there is no access from one part of the basement to the other except from the outside.

Besides this there is a separate equipment of lockers,


STORAGE
OFFICE
RUNNING TRACK
ON BALCONY FLOOR
MAIN EXERCISE ROOM
72 X 120 FEET
OFFICE
OFFICE
G S K

FIRST FLOOR PLAN

HOPPER GYMNASIUM


REAR HALL
HEATER ROOM
VISITING TEAMS' LOCKER ROOM
SHOWERS
EXERCISE ROOM
19 X 94 FEET
MEN'S LOCKER ROOM
LADIES' LOCKER ROOM
30 X 34 FEET
DRY ROOM
MEN'S SHOWER
PASSAGE
HALL
HALL
MEN'S TOILET
UP
STORAGE
UP
LADIES' TOILET
G S K

BASEMENT PLAN

baths, etc., for the visiting teams. Conveniently arranged are store rooms for suits and a drying room. A notable feature on this floor is the indoor practice room, with a length of 117 feet, a width of 19 feet, a ceiling of 25 feet. The floor is of dirt. This room is for various practice work such as broad and high jumping, pole vaulting, and pitching.

On the Main floor is the Exercise Room, 117x70 feet. The ceiling is 32 feet high, or 22 feet in the clear to the steel girders. The light is from a great sky light 70 feet long. There is ample room on the floor for a large basketball court 50x90 or two practice courts placed transversely 40x56. The floor is of polished hard maple. Spiral steel staircases connect the Exercise Room with the locker and bath rooms below. On this floor are offices for the Physical Director and Coach and a Measuring room.

On the Gallery Floor is the Running Track, 18 laps to the mile. This track is built on the most approved modern curves and finished with a heavy cork floor. Part of the Gallery may be used as a balcony to accommodate spectators. On this floor are two more rooms, one a trophy room and the other for the Custodians. There is a large Club Room also for the "S" Club.

The equipment of lockers etc., will be furnished by the Narragansett Machine Company of Providence, R. I., and are the best made.

This fine gymnasium will add greatly to the attractiveness of the Physical Culture and to the strength of Simpson's Athletics. It is a magnificent monument to the loyalty and liberality of one of Simpson's most honored sons.

QUARTERLY BULLETIN

OF SIMPSON COLLEGE

Series 13 MAY, 1912 No. 3

Published by the College in the months of November, January, March and May of the college year. Entered at the Post Office at Indianola, Iowa, as second-class matter.

The Catalogue

1912-1913

1. COLLEGE OF LIBERAL ARTS
2. ACADEMY
3. CONSERVATORY OF MUSIC
4. SCHOOL OF BUSINESS
5. NORMAL COURSES

INDIANOLA, IOWA

Calendar of College Events

1912-1913

Feb.	1.	Thursday, 3:30 P. M., 1st Semester ends.
"	6.	Tuesday, 8:00 A. M., 2nd Semester begins.
"	23.	Founders' and Benefactors' Day.
April	4.	Thursday, 3:20 P. M., Easter Recess begins.
"	9.	Tuesday, 8:00 A. M., Easter Recess ends.
May	30.	Decoration Day.
June	8.	Saturday, 8:00 P. M., West Oratorical Contest.
"	9.	Sunday, 10:30 A. M., Baccalaureate Sermon.
"	9.	Sunday, 4:00 P. M., College Vesper Service.
"	10.	Monday, Academy Graduating Exercises.
"	11.	Tuesday, Class Day.
"	11.	10:00 A. M., Annual Meeting of Board of Trustees.
"	12.	Wednesday, Alumni Day.
"	12.	Wednesday, 10:00 A. M., Badley-Schee Contest.
"	12.	Wednesday, 3:00 P. M., Dedication of Hopper Gymnasium.
"	13.	Thursday, 9:30 A. M., Forty-fifth Annual Commencement.
"	17.	Monday, Summer School begins.
July	26.	Friday, Summer School ends.
Sept.	9.	Monday, 10:00 A. M., Registration begins.
"	10.	Tuesday, 9:00 A. M., Registration continues.
"	10.	Tuesday, 8:00 P. M., Fall Convocation.
"	11.	Wednesday, 8:00 A. M., Classes begin.
Oct.	23.	Wednesday, College Missionary Day.
Nov.	27.	Wednesday, 4:25 P. M., Thanksgiving Recess begins.
Dec.	3.	Tuesday, 8:00 A. M., Thanksgiving Recess ends.
"	20.	Friday, 4:25 P. M., Holiday Recess begins.

1913

Jan.	6.	Monday, Department Registration.
"	7.	Tuesday, 8:00 A. M., Holiday Recess ends.
"	31.	Thursday, 4:25 P. M., First Semester ends.
Feb.	3.	Monday, Registration.
"	3.	Monday, 8:00 P. M., Winter Convocation.
"	4.	Tuesday, 8:00 A. M., Recitations begin.
"	15.	Thursday, Day of Prayer for Colleges.
"	21.	Friday, Founders' and Benefactors' Day.
Mar.	20.	Thursday, 4:25 P. M., Easter Recess begins.
"	25.	Tuesday, 8:00 A. M., Easter Recess ends.
May	30.	Decoration Day.
June	8.	Sunday, 10:30 A. M., Baccalaureate Sermon.
"	8.	Sunday, 4:00 P. M., College Vesper Service.
"	10.	Class Day.
"	11.	Alumni Day.
"	12.	Forty-sixth Annual Commencement.

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LIBRARY—Professors Jenner, Hunting, Dodson, Ruggles and Miss Hamilton.

MISSIONARY—Miss Baker and one student appointed from each class by the faculty.

WEST ORATORICAL CONTEST—Chairman, Prof. Griffith.

ZENITH—Professors Griffith, Jend, Barrows, Emmons.

Historical Sketch

SIMPSON COLLEGE is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the citizens of the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened it "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. Of the original board of trustees, Dr. J. D. McCleary, of Indianola, and Rev. E. H. Winans, of Los Angeles, are the only surviving members. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. A small depression marks the place. The campus included one block, about one fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fall of 1866, by which time the seminary had shown a vigorous growth and the need of a college became apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president and gave the new institution the name of "Simpson Centenary College," in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyally stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow but it was substantial.

President Berry died in February, 1880. In the spring of the same year, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next presidenf was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inuagurating a period of growth and expansion. Dr. Hamilton resigned to enter the ministry in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1893, when he desired to return to the ministry, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton in June 1910, Francis L. Strickland was elected.

The growth of the college during recent years is attested by the fact that half of her 550 alumni graduated during the presidency of Dr. Shelton. The last two years have witnessed the greatest advance in material things of any period in the history of the college. During this time the productive endowment was raised from $76,000 to $216,000, the bonded debt of $23,900 was paid off. A fine gymnasium costing $60,000 has been added to the equipment, through the splendid generosity of Mr. Harry Hopper.

General Information

LOCATION

SIMPSON COLLEGE is located at Indianola, Warren county, Iowa. The town has about 4,000 inhabitants. There are are modern improvements such as waterworks and electric power plant, both owned by the city. A complete sewerage system was completed the past year. Indianola has had no saloons for many years, as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Isiand railroad make it easy of access from the Capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS.

The campus comprises about ten acres, a part of it wooded with venerable maples. There are seven buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms, and the halls of the literary societies. The Science hall accommodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college office, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory. The Hopper gymnasium is on North C street and faces the campus.

The building of the Conservatory of Music stands at the northeast corner of the campus. The College maintains its own water system, independent of the city of Indianola. These buildings are connected by cement walks and the campus is well lighted at night by electroliers.

THE LIBRARY.

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It proves a reading room, alcoves, stack rooms and a small auditorium, known as Oratory Hall. The library contains eight thousand five hundred volumes carefully selected with reference to college work. The books are classified according to the most approved library methods.

A large number of the best perodicals are regularly received.

The library is open from 8 A. M. to 9 P. M.

THE MUSEUM.

The museum contains the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representing all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region and ferns from India.

THE BIOLOGICAL LABORATORY

The biological laboratory is provided with water, gas, and electric lights. There are work tables, compound microscopes (thirty-nine), and the various other instruments, reagents, and staining fluids needed for individual work. It has a set of Harvard physiological apparatus, a Minot's microtome suitable for the finest work, water baths, incubators and sterilizers. In addition to the collections in the museum cases there are special collections of illustrative material for student study, microscope slides, both botanical and histological, lantern slides, charts and a departmental library.

THE EARTH SCIENCES.

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographic maps, including a set of seven duplicates of the maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer. barometer, barograph, therograph, thermometers, a twenty-four inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photograpic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustrations before the classes, whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is needed for his work. A side room between the laboratory and the lecture room contains the departmental library and two fine chemical balances.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage battery, the other a smaller outfit (375 watt) with a set of accessories for work with both direct and alternating currents. The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, Heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurement in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: A fine balance, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reimann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Western wattmeter, millivoltmeter, voltmeters and ammeters; Leed and Northup earth inductor and ballistic galvanometer; tangent and astatic galvanometers, testing set, induction coils, millihenry standard, X-ray outfit, camera, projection lanterns, spectrometer, professional microscope with accessories for the polarization of light.

THE AIM OF THE COLLEGE

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly aud professedly Christian. The college was founded by men who loved the Christian faith and its work is being carried on by those who believe that education means not only mental training but the culture of Christian character. While there is no Christian biology or geology or psychology, we believe there is a Christian standpoint from which these and other sciences should be approached and a Christian temper in treating them. While in no sense a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained.

The work in English Bible is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President or some visiting speaker on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7 to 8 the College Prayer Service is held. These meetings are regularly in charge of the President and are well attended.

In January a week of special services is held, ending with the Day of Prayer for colleges. These meetings have been the means of deepening the religious life of many. The great majority of the students are Christian men and women.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible Study classes on Sunday, and Mission Study classes on Friday for a half hour before the meeting of the Literary Societies.

The students of the college are made very welcome in the church life of Indianola. Every student is expected to attend service at least once on the Sabbath morning in one of the churches.

GOVERNMENT OF THE COLLEGE

The aim of the college administration is to develop in the student the principles of self-government. We ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college or who shirks and loafs may not stay with us.

There is a College Council which takes care of all minor matters of disclipine. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Conservatory. The President and a member of the faculty are members. Meetings are held about once a month, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched but fully trusted at examinations. At the close, each signs a statement that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the honor system are reported to the College Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS.

There are seven Literary Societies, five in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are of college rank, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are of college rank, and meets every Friday evening.

The Alpian Society, organized in 1891, is composed of women who are of college rank, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are of college rank, and meets every Friday evening.

The Crescent Literary Society, organized in 1911, is composed of women who are of college rank, and meets every Friday afternoon.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies. Their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS.

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the student body, aided by contributions from the alumni and others.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of November, January, March and May. The third number each year is the annual catalogue.

The Zenith is the College Annual. It is published by the Junior class and appears each year on the first of May.

PUBLIC LECTURES.

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W. C. A. lecture course brings the best talent of the country before the students each year.

The course for the year 1911-12 has been as follows:

LECTURE COURSE.

The following people appeared upon the lecture platform: Judge George D. Alden, Edward Amherst Ott, Ernest Wray O'Neal, Chicago Glee Club, Francis J. Heney, Strickland Gillilan, Isabel Garghill Beecher.

Besides this series which constituted the regular lecture course, the following persons have spoken from time to time in the College Chapel. Prof. T. H. Macbride, Professor of Botany, Iowa State University; Prof Geo. F. Kay, Professor of Geology, Iowa State University; Prof. Davidson, Garrett Biblical Institute; Rev. George Scott, D. D., Des Moines; Rev. Chas. R. Bair, Seymour, Dean Birney, Boston University School of Theology; Dr. Isaac W. Headland, Pekin University, China; Celeste Bernheim, Chicago; "Dad" Elliott, Secretary Intercollegiate Evangelism, and others.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject in literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schee Prize. These are marked on a scale of one hundred for thought, one hundred for composition, and fifty for delivery.

The Oratorical Prizes, the gift of Rev. Victor West, of Adel, $25.00 (first prize $15, second prize $10) in gold, are awarded to members of the college who shall write and deliver the best English orations. The maximum limit of these orations is two thousand words. Each undergraduate literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock p. m. of the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society winning the series of inter-society debates arranged between the five collegiate literary societies.

HONORS.

The faculty of the college has adopted the following system of honors for excellence in class work, known as (1) annual honors; (2) College honors: (3) special honors.

It has provided that a candidate for honors:

I. Shall not have been subjected to discipline during the year when said honors are granted;

II. Shall be of approved habits and character;

III. During two semesters shall not have received more than thirty-four credits;

IV. Shall be not privileged to include for honors, the record of a second examination;

V. Shall not be permitted to postpone any examination, for any cause but illness or unavoidable absence, and in no such case shall the examination be postponed to a date later than the second week of the semester succeeding that in which the subject was taken.

A. ANNUAL HONORS.

Annual honors, subject to the provisions already named, shall be granted as follows:

Students who meet the requirements for classification shall, at the close of the college year, be entitled to honors, if they have maintained for the year a record in their classes averaging not less than 90 per cent, with no semester credit as low as 80 per cent.

B. COLLEGE HONORS.

Members of the graduating class shall be granted college hours, who have received annual honors for four years, with the proviso that such students shall have been in attendance not less than seven and one-half semesters.

C. SPECIAL HONORS.

Subject to the same provisions as A. and B., special honors will be granted at graduation to a student who has completed an amount of work approved by the head of the one department in which he specializes, and has prepared a satisfactory thesis in connection with said department; it being further provided that, during the last two years of his course, the candidate shall have maintained in the department in which he specialized an average of 90 per cent, with a general average not lower than 85 per cent; it being also provided that no student shall undertake work for special honors without the approval of the head of such department.

ANNOUNCEMENT.

The honors shall be announced on Commencement Day when the Degrees are conferred and shall be published in the College Catalogue.

HONOR BADGE.

When annual honors are announced, the recipient shall be presented with a silver pin, in the design of the letter "S", with the figures engraved or enameled thereon, representing the year and the word "honor."

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete in a satisfactory manner the required number of semester hours of college work.

The Degree of Bachelor of Music is conferred on those who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the departments should be made to the President at least three months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

ATHLETICS—GYMNASIUM.

Simpson College gives every encouragement to clean athletics. We insist that our men shall be gentlemen even on the football field, and show the high-grade sportsman-like spirit in all athletic activities. Athletics is not a commercial business at Simpson. It is a sport—enjoyed for its own sake and the physical benefits derived from it.

Every registered student is a member of the Athletic Association. The athletic field has a fifth-mile track, baseball field and tennis courts.

Two hours a week will be required of all students in physical culture, for which one semester hour's college credit for the year will be given.

WOMEN'S DORMITORY

Mary Berry Hall, the women's dormitory, is a substantial brick building with well ventilated rooms, lighted by electricity, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the Hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, etc. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent for the semester is due when possession is taken.

It is the settled policy of the College to furnish meals at actual cost. During the last year a charge of $3.00 per week has been found necessary.

Room rent will be upon the following plan, the rates including light and heat:

From the opening of the school year until the holiday recess, $18.00 for each occupant. For the remainder of lhe year, to those who have been patrons of the Hall for the Fall, $12.00. From the holiday recess to the close of the year for those who have not been in for the Fall, $17.00. These rates are for those that board at the Hall.

Citizens of Indianola who rent rooms to students are required to send each semester a written report in prescribed form to the President answering questions in regard to the observance of College regulations on the part of the students in their homes. The renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS.

If you arrive in September on the day before the opening of the semester or the first day of the semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will be at your service. In the absence of such representatives come at once to the college offices, and there you can receive directions and such help as you need.

The evening trains arrive just at supper time. Come immediately to the College boarding hall, where temporarary arrangements can be made for your comfort.

All the College buildings are upon the campus, located one block directly west of the Rock Island station, and two blocks west of the C., B. & Q. station.

REGISTRATION.

New students should register at the earliest opportunity. Before registration each student must see the Committee on Entrance. Grade sheets from high school, and other credentials should be presented. The Committee will advise as to classification and what studies should be included in registration for the first semester.

Sophomores who have not yet selected their major must be advised by the President before they register. Those who have selected their group (Sophomores and Juniors) must have been advised by the professor of their major study before they will be permitted to register. Tuition and fees are payable at time of registration.

EXPENSES.

Tuition in College. per semester	$24.00
Normal course, per semester	20.00
Academy, per semester	20.00
School of Business, per semester	25.00
Shorthand and Typewriting, per semester	30.00
Semester fee, per semester	6.00

This last fee includes the registration fee, the gymnasium and athletic fee, and the lecture and debate fee.

The semester fee is required of every student who registers in any department of the college. The only exceptions are (1) pupils from the schools of Indianola who may wish to take music at the Conservatory; (2) persons resident in Indianola who may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc. (3) Students registering one month or less before the close of a semester. The fee for such remaining portion of the semester shall be one-half of the usual fee.

The tuition in the Conservatory varies with the character of the work taken and the instruction. Rates will be found on another page.

Laboratory fees are as follows:

COLLEGE.

Physics II, III and IV., per semester	$3.00
Chemistry I, per semester	4.00
Chemistry II, per semester	4.50
Chemistry III, per semester	6.00
Chemistry IV, per semester	6.00

Chemistry V, per semester hour	1.50
Zoology, per semester	3.00
Botany, per semester	3.00
Mammalian Anatomy	3.00
Embryology and Histology	3.00
Bacteriology	4.00
Advanced Physiology, per semester	1.00
Surveying	1.00

ACADEMY.

Elementary Physics, per semester	$1.50
Elementary Botany, per semester	1.50

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision made for their payment. Bills may be paid by semester or term; the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or a written test, or from two or more consecutive recitations or lectures, .50.
2. When a student asks for an examination in a subject during the semester following that in which the subject was taken in class, $1.00.
3. When a student asks for an examination on the work of a semester which he has been permitted by the faculty to prepare outside of the class . . . . $1.00 per semester hour.
4. When a student asks for an examination in a subject more than one year after that subject was taken by him in class, $1.00 per semester hour.

Refund of Tuition is granted only when a student is compelled to leave college on accovnt of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are twenty-three endowed scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college on the twentieth day of August preceding the opening of the College in the fall the President may fill the scholarship. The scholarships are as follows:

Only those scholarships the principal of which is fully paid in have been recorded here.

The Mary J. Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The M. P. Hoffman and Wife Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Mr. and Mrs. C. B. Hollenbeck Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

Mrs. Lydia Marie Hollenbeck Scholarship, founded by the above parties.

The Samuel McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The J. D. Robbins Scholarship, founded by J. D. Robbins, of Malvern, Iowa.

The Bagley Scholarship, founded by the Simpson Club of the Bagley M. E. Church.

The Samuel Shaw Scholarship, founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by Hon. B. F. Clayton, Indianola, Iowa.

The F. M. and Sarah Buffington Scholarship, founded by F. M. and Sarah Buffington, Glenwood, Iowa.

The Barker-Berry Scholarship, founded by W. H. Berry and wife, Indianola, Iowa.

The Mr. and Mrs. Wm. Snyder Scholarship, founded by Mr. and Mrs. Wm. Snyder, of Farragut, Iowa.

The Dinsmore-Austin Memorial Scholarship, founded by Mrs. D. Austin, of Jefferson, Iowa.

The W. E. Sayre Scholarship, founded by W. E. Sayre, Indianola, Iowa.

The Fletcher Brown Family Scholarship, founded by Rev. Fletcher Brown and family, Indianola, Iowa.

The Helen Dudley Memorial, half scholarship, founded by Mr. and Mrs. W. M. Dudley, Indianola, Iowa.

The Frances Sheppard Scholarships, (six scholarships) founded by Mrs. Mary Frances Sheppard, Indianola, Iowa.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school within the bounds of the Des Moines Conference, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal. (The honor graduate is that student who has the best record for scholarship.)

In case the honor graduate does not make use of the scholarship, the second in standing may be nominated by the Superintendent or Principal. The honor graduate may use the scholarship a year subsequent to his or her graduation from high school. but not later than a year; and that only when the scholarship has not been granted for that year to the second in standing.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year.

(c) Each charge in the Des Moines Conference is entitled to send a new student, who shall receive free tuition in the Academy, College or Normal courses for one semester or half tuition for one year. The candidate should bring either a recommendation from the Quarterly Conference, or, in case of an emergency, from the pastor, certifying that he is worthy and needy. Only the fees are charged. For the present this scholarship privilege can be granted only to those churches in the conference which have raised their apportionment for the Sustentation Fund of the College.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Indianola it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate for so many things must be taken into consideration. The personal make-up of the student will govern here. But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the institution. The extravagant standards of some colleges are not in vogue or favor with us. A large number of students are working their way through college and earning a portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Yet it ought to be said that a student should have resources enough before attempting a college course, to provide at least for half of the first year. For it may require a little time to find suitable work.

Board at the College Hall is $3.00 per week. In town it is apt to be a trifle higher. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room. $1.50 to $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks.

Tuition for year	$40.00 to $ 48.00
Semester Fees	$ 12.00
Room rent (average)	$40.00 to $ 45.00
Board	$108.00
Books and incidentals	$ 20.00
Total	$220.00 to $233.00

SELF HELP

The above figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in the homes or business houses of the town. There are many ways in which it is possible for students to earn a considerable portion of their college expenses. The College maintains an employment agency. The President's secretary is the manager of this agency, and his service to students is without charge. If interested, send for the circular of the College Employment Bureau.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund. From these funds loans are granted students under certain conditions, which may be learned on inquiry at the President's office.

The Southard Fund places a certain sum in the hands of the President to assist young men in studying for the ministry. Loan grants from these funds are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal moral obligation.

College of Liberal Arts.

Requirements for Admission to the College of Liberal Arts.

SATISFACTORY evidence of good moral character will be required of all who seek admission. Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificates of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age.

Good work during the first year of College is insisted upon as a requirement for maintaining class standing. Those who fail to do satisfactory work to the extent of at lest 23 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS.

For unconditional admission to the Freshman class 15 preparatory units are required from the following list of subjects:

	Credit in Units		
English	3 or 4	Mathematics	2½-4
Greek	1 or 2	Drawing	½
Latin	2 or 4	El. Physics	1
German	1 or 2	Chemistry	1
French	1 or 2	Botany	½
History	2	Physiography	½
Civics	½	Physiology	½
Economics	½	*Note.	

From the above list the following, totaling 10½ units are required of all:

Mathematics	2½	History	1
Language other than English	3	El. Physics	1
English	3		

*Note: *A "Unit" of credit means a subject pursued for four or five periods a week, during a school year of at least thirty-six weeks—each period being not less than 45 minutes.*

The remaining 4½ units may be offered from the above list. Those who offer only 14 units may be admitted as Freshman but the deficiency, one academic unit, must be made good by the beginning of the Sophomore year or the student will fail to be advanced with his or her class. Any student who reaches the Sophomore year, delinquent in any academy study it to make up this work at once by special examinations, or enter classes in such subject or subjects. Those who present less than 14 units for admission will be classified in the Academy until they have met the standard.

EXPLANATION OF THE UNITS.

ENGLISH.

3 Units.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writing, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English.

College Entrance Requirements in English for 1912. Required for study and practice.

For Study: Shakspere: Macbeth. Milton: Lycidas, Comus, L'Allegro, and Il Penseroso; or Tennyson: Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur. Burke: Speech on Conciliation with America, or Washington: Farewell Address, and Webster: First Bunker Hill Oration.

Required for Reading: Group I. (Two books to be selected. Shakspere: As You Like It, Henry V., Julius Cæsar, The Merchant of Venice, Twelfth Night.

Group II. (One book to be selected.) Bacon: Essays. Bunyan: The Pilgrim's Progress, Part I. The Sir Rodger de Coverley Papers in "The Spectator." Franklin: Autobiography.

Group III. (One book to be selected.) Chaucer: Prologue. Spencer: Selections from the Færie Queene. Pope: The Rape of the Lock. Goldsmith: The Deserted Village. Palgrave: Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (Two books to be selected.) Goldsmith: The Vicar of Wakefield. Scott: Ivanhoe, Quentin Durward. Hawthorne: The House of Seven Gables. Thackeray: Henry Esmond. Gaskell: Cranford. Dickens: A Tale of Two Cities. George Eliot: Silas Marner. Blackmore: Lorna Doone.

Group V. (Two books to be selected.) Irving: Sketch Book. Lamb: Essays of Elia. De Quincey: Joan of Arc and The English Mail-Coach. Carlyle: Heroes and Hero-Worship. Emerson: Essays (selected). Ruskin: Sesame and Lilies.

Group VI. (Two books to be selected.) Coleridge: The Ancient Mariner. Scott: The Lady of the Lake. Byron: Mazeppa and The Prisoner of Chillon. Palgrave: Golden Treasury (First Series Book VI. with special attention to Wordsworth, Keats and Shelley Macaulay: Lays of Ancient Rome. Poe: Poems. Lowell: The Vision of Sir Launfal. Arnold: Sohrab and Rustum. Longfellow: The Courtship of Miles Standish. Tennyson: Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur. Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Herve Riel, and Pheidippides.

MATHEMATICS.

2 1-2 Units.

Two and one half units are required of all who seek unconditional admission to the Freshman class.

1	Algebra—through Arithmetical and Geometrical Progression	1½ Units
2	Plane Geometry	1 Unit
3	Solid Geometry	½ Unit
4	Plane Trigonometry	½ Unit
5	Spherical Trigonometry	½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progression.

LANGUAGE REQUIREMENTS.

Three Units Required.

LATIN.

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text . . . . 1 Unit.

II. Cæsar's Gallic Wars, first four books, or an equivalant in Nepos. The equivalent of at least one period a week in Latin prose composition based on the text read . . . . 1 Unit.

III. Six Orations of Cicero; prose composition . . . . . . 1 Unit.

IV. Virgil, first six books of the Aeneid . . . . 1 Unit.

GERMAN.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson . . . . 1 Unit.

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronunciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; some ability to speak and understand the language . . . . 1 Unit.

FRENCH.

I. Careful drill in pronunciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read . . 1 Unit.

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biograghical sketches with constant practice in pronunciation, writing French from dictation, and drill upon the rudiments of grammar 1 Unit.

HISTORY.

One Unit Required.

Any one of the following courses in History may be presented for an entrance unit.

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.
2. Mediaeval and modern European history, from the death of Charlemagne to the present time.
3. English history.
4. American history, or American history and civil government.

PHYSICS.

One Unit Required.

Students presenting Physics as an entrance-unit should include in their preparation both text-book and laboratory work. The text-books of Millikan and Gale, Carhart and Chute, or Hoadley are recommended. The laboratory work should include at least 30 experiments representative of the different departments of Physics and involving careful measurements, and the candidate must present his original note-book containing full records of the experiments.

The Course of Study.

THE curriculum of a modern college should be arranged so that three classes of students are well considered: 1. Those looking toward the professions. 2. Those expecting to teach. 3. Those whose college course is to afford them general preparation for life in broad culture and training.

There is no better foundation for the special training needed for law, medicine, the ministry, and the various branches of engineering than a good college course. A young man is unfortunate who tries to prepare for these professions without college training. The mastering of the work in a good medical college or law school is far too serious a matter for any student except those who have trained and tempered their minds and have won in part at least their mental independence. For the prospective engineer or chemist the college can do much. All the foundation work such as mathematics, physics, modern languages, mechanical drawing the student may take here at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years. Christian culture and character are of the highest importance to every student whether he is to be a farmer, a minister, or a bridge builder.

While the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary to-day in effective college education.

This is arranged for in the Group System. Thus for example the group containing Physics as a major study makes an admirable preparation for mechanical engineering; while the Geology—Chemistry group fits the needs of one who may look to mining engineering. The Political Science-History group leads naturally to Law; while the Biology group leads to medicine or agriculture and Philosophy-Sociology or Philosophy-Science Group gives an excellent approach to the study of modern theology. In the college and normal course, excellent training is offered for those who look to the profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, German, French, Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology Physiography, Geology, Mineralogy, English Language, English Literature, History, Economics, Sociology, Drawing, Education, Public Speaking, Commercial Science, Shorthand, Musical History and Theory, English Bible, Philosophy, Psychology, and Ethics. These courses are in advance of the work done in the same subjects in the ordinary high school. and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction. *One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 124 semester hours are required for graduation.*

The following work is required of all who are candidates for the degree:

COURSES REQUIRED OF ALL STUDENTS

English. (English I and II and Literature I and II)	10 semester hours
English Bible	4 semester hours
History	6 semester hours
Modern Language (or Greek)	8 semester hours
Psychology	6 semester hours
Science (One year of Biology, Chemistry, Earth Sciince, or Physics)	8 semester hours
Trigonometry	3 semester hours
Physical Culture	3 semester hours
Public Speaking	2 semester hours
Total	50 semester hours

The physical culture is required. Two periods a week in gymnasium work count as ½ semester hour.

THE GROUP SYSTEM.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised personally as to studies which had better be included in the first year's work.

At the opening of the Sophomore year, the students in the College will be asked to indicate the direction of their subsequent studies. This will be done by choosing one of the groups of studies.

The professor whose subject stands at the head of the group chosen now becomes the student's adviser for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major and minor studies and those electives which in the judgment of the advisor will make a well rounded and useful course. It will be noted that the fundamental principle in our Course of study is to fit the Course to the Student, not the Student to the Course. Throughout the course each student is guided and advised individually and personally, by some member of the Faculty.

The number of semester hours devoted to the major study varies. but may not be less than 16 in the two years. Specific information in regard to the major requirements appears in the paragraphs which set forth in detail the work of the various departments.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

MAJOR GROUPS.

(The figures after each study indicate the number of semester hours required.)

I.

English.

English	28
Minor (Foreign Language or History	14
English Bible	4
*History	6
*Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	42
	124

*This requirement is omitted if this subject is chosen as a minor.

II.

History and Political Science.

History	36
Seminar course, (Thesis req'd)	4
English	10
English Bible	4
Modern Language	8
Physical Culture	4
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	39
	124

III.

Mathematics.

Mathematics	26
Minors, Physics	8
Astronomy	4
English	10
English Bible	4
History	6
Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	47
	124

IV.

Philosophy.

Philosophy	18
Minor, (Biology, Economics, or Geology)	8
English	10
English Bible	4
History	6
Modern Language (or Greek)	8
Physical Culture	3
Psychology	6
Public Speaking	2
A Science, if not chosen as minor	8
Trigonometry	3
Elective	48
	124

V.

Latin.

Latin	22
Greek and Roman History	4
English	10
English Bible	4
History	6
Modern Language (or Greek)	8
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	48
	124

VI.

Greek.

Preliminary Greek	16
Advanced Greek	18
Greek and Roman History	4
Modern Language or Latin	8
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	36
	124

VII.

German.

German in add'n to German I	20
Seminar Course, (Thesis req'd)	4
English	16
Foreign Language, (other than major)	8
Sociology	6
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Science	8
Trigonometry	3
Elective	38
	124

VIII.

French.

French	24
Latin, Greek or German	10
History	12
English	16
English Bible	4
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	36
	124

IX.

Chemistry.

Chemistry	22
Biology or Physics	8
Crystallography and Mineralogy	4
Economic Geology	4
Mod. Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	36
	124

X.

**Biology.*

Biology	18
Seminar Course, (Thesis req'd)	2
Chemistry	8
Meteorology or Geology	5
Palaeontology	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	41
	124

*Those who are to study Medicine should elect Chem. II-IV and Physics II-III.

XI.

Earth Sciences.

Earth Sciences	18
Chemistry	8
Biology	8
Physics	9
Astronomy	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	27
	124

*Enough to complete three years; two of German and one of French.

XII.

Physics.

Physics	20
Mathematics	6
Chemistry	8
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	43
	124

*Enough to complete teree years; two of German and one of French,

XIII.

Pre-Engineering.

Mathematics	22
Physics	16
Mechanical Drawing	2
Physics IV or Mathematics	14
Chemistry	14
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psochology	6
Public Speaking	2
Elective	23
	124

*Enough to complete three years; two of German and one of French.

Those who are to become Civil Engineers advise with Prof. Emmons. Those who are to become Mechanical or Electrical Engineers advise with Dr. Tilton.

XIV.

Musical Science.

Musical Theory (Harmony, etc.)	16
History of Music	6
Musical Literature (Instrument or Voice)	4
Education I	3
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	37
	124

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 50 semester hours; 2d, the major and its minor, 24 to 42 hours: 3d, the electives which are selected and arranged under the guidance of the student's adviser, enough to make a total of 124.

Without the consent of the Faculty no student is allowed to undertake more than 16 hours work, either as a regular member of a class or as a visitor. No one will be granted permission for extra hours whose average grade for the preceding term or semester is below 85 per cent or who has, during the semester just preceding his request, a grade in any study lower than 80 per cent.

When students find it necessary to carry such an amount of outside work that their college work is made to suffer, the Faculty may, if it deems best, require that less college work be undertaken.

STATE TEACHERS' CERTIFICATES.

Graduates of Simpson College who complete six semester hours of Psychology and fourteen hours in Science of Education, as a part of their College course, will receive from the State Board of Educational Examiners the Five Year Teachers' Certificate for the State of Iowa.

This certificate will be given, without examination, because Simpson is an accredited college, Students who expect to teach should not fail to elect sufficient work in the Department of Education to entitle them to this privilege. Those completing the Five Semester Normal Course will receive the Two Year State Certificate.

RECOMMENDATION OF TEACHERS.

A Faculty Committee on Recommendations has been organized to aid adequately prepared students and graduates of the College to secure positions as teachers. This Committee will gladly be of service to school boards and Superintendents who desire to receive such recommendations.

Those who expect to teach in High Schools should be prepared in one or two subjects besides the major, to meet the conditions in the smaller high schools. The following combinations are frequently demanded: English and History; English and German; German and Science; Latin and German; Latin and English; Mathematics and Science; Science and Physical Training.

Departments of Instruction.

BIOLOGY.

Professor Jenner.

I. ZOOLOGY. This course is designed to give the student a general survey of the whole subject of zoology. Beginning with the lowest animals, the structures of typical forms from each phylum are studied in the laboratory with special reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. The lectures and quizzes are given at the conclusion of the laboratory work on each group. The library furnishes opportunity for the student to acquaint himself with other types than those studied in the laboratory. The first semester is devoted to the study of the invertebrates beginning with the Protozoa. During the second semester a study is made of the vertebrates beginning with an ascidian.

Either semester may be elected, but the subject must be pursued throughout the year to satisfy the general science requirement.

Open to all students.

Required of all students majoring in Biology, Earth Sciences, or History, and may be taken to satisfy the science requirement in other groups.

Throughout the year, M. T. W. Th. from 1:30 to 3:30. Credit, eight hours.

II. BOTANY. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desirable, but not required as a pre-requisite.

Open to all college students.

First semester, M. W. F. from 10:25 to 12:25. Credit, three hours.

III. BOTANY. A brief survey beginning with the lowest plants and proceeding to the higher, in which typical forms of each division of the plant kingdom are studied. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Open to all college students.

Second semester, M. W. F. from 10:25 to 12:25. Credit three hours.

IV. BACTERIOLOGY. The work of this course consists of laboratory work supplemented by lectures and assigned readings. The object is to give the student a knowledge of the role played by bacteria in the life of other plants and animals, and to acquaint him with the methods used in their study. Some of the topics discussed are: the purification of drinking water; the removal of contamination from streams and lakes; sewage disposal for cities, towns, and dwellings; the enrichment of soil through the agency of bacteria: bacteria in the industries; bacteria as the cause of disease; sanitation.

The laboratory work consists of the study of a few types representative of the larger groups of bacteria. Special attention is given to the study of B. coli on account of the importance of this organism in the examination of drinking water. Each student will be required to work on some practical problem, such as the bacterial content of a measured quantity of air or water.

Open to students who have had Botany or Zoology.

First semester, M. W. F. from 8:00 to 10:00. Credit, three hours.

V. EMBRYOLOGY AND HISTOLOGY. A study of the cell is followed by a study of the typical tissues. The student is required to prepare his own material in so far as that is possible. He learns how kill, fix, embed, cut and stain tissues for microscopic study. After he has studied the tissues as such, a study is made of the origin and development of the different organs from the blastodermic layers of the embryo, and their structure in the adult. Prepared series of the chick and pig embryos are available for study. Students are required to embody the result of their laboratory and library work in papers which are handed in from time to time for criticism.

Open to all students who have had Course I or Course VII.

Second semester, M. W. F. from 8:00 to 10:00. Credit three hours.

VI. MAMMALIAN ANATOMY. This course consists largely of individual work on the skeleton, muscles, and various organs of the cat or dog. Drawings are made as the work progresses, and the student is expected to record his observations in a note book which is submitted for approval at the end of the semester.

There are no prerequisites for registration in this course except that the student is expected to have an interest in the subject.

First semester, T. Th., time to be arranged to suit the convenience of the class, probably 8:00 to 10:00. Credit two hours.

VII. PHYSIOLOGY AND HYGIENE. This course will be made very elementary and adapted to those who have had no previous training in Biology. The object is to give the student a general knowledge of the functions of the body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, laboratory experiments, and demonstrations from dissections of some of the lower animals. The course will be of special value to those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work.

Open to all College students and to Academy students who have had Elementary Physiology.

Throughout the year. M. T. W. from 3:30 to 4:30. When laboratory work requires, students are expected to remain until the work is finished. Consult before registering. Credit six hours.

When elected as a college subject it is expected that the student will remain in the class for the whole year.

VIII. SEMINAR. Some of the current biological problems are studied. Opportunity will be offered in this course for advanced individual work along the lines of original investigation of some local biological problem. The results of such work are to be written up in the form of a thesis.

Open to all students who have had sufficient training to do the work. Time to be arranged. Credit to be determined by amount of work done.

Required of seniors who are majoring in Biology. Throughout the year, Saturday from 8:00 to 10:00. Credit two hours.

CHEMISTRY.

Professor J. Allen Baker.

Myron S. Anderson and Carl H. Butler, Laboratory Ass'ts.

It is the aim of this department to meet the needs of two classes of students: Those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance in everday life. Its value as a purely educational factor should be kept in view. For training in habits of exactness, for gaining helpful insight into the methods of evidence, Chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the course logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Students majoring in Chemistry must take Chem. I and II. In addition to this they must take either Chem. III or Chem. IV. Thesis work may be arranged with a maximum credit of 4 hours, but it is not required.

CHEMISTRY I. GENERAL CHEMISTRY. The recitation periods are devoted to discussions of chemical theories and quizzes on the experimental work. The common non-metallic elements will receive careful attention. Wherever possible the practical application of chemistry is brought before the mind of the student. Many chemical problems are worked during the year. The laboratory work throughout the year parallels the text book work. Elementary Physics is prerequisite to this course.

Throughout the year, M. T. W. Th. 1:30 to 3:30, four hours credit, elective.

CHEMISTRY II. QUALITATIVE ANALYSIS. This is primarily a laboratory course, althoughl ectures and quizzes will be given as may seem necessary. Much attention will be given to equation writing and the rules which govern it. The work on the metals, taken in the latter part of Chemistry I, will be supplemented by special preliminary reactions which are used especially to identify the various elements. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same manner. In both basic and acidic analyses as many unknowns as practicable will be worked out. Unknowns involving both basic and acidic radicals are also worked. Finally alloys, ores, and more complex substances will be analyzed as time permits. Chemistry I, prerequisite.

Throughout the year, M. W. F. 10:25 to 12:25, three hours credit, elective.

CHEMISTRY. III. QUANITATIVE ANALYSIS. This course is largely a laboratory course. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. One hour per week throughout the year will be devoted to Chemical Arithmetic. A thorough drill will be given in the fundamental chemical calculations. This course will alternate with Chemistry IV. Offered in 1913. Chemistry I and II prerequisite.

Throughout the year, T. W. Th. F. 8:00 to 10:00, four hours credit, elective.

CHEMISTRY. IV. ORGANIC CHEMISTRY. The course includes a study of the theory of organic compounds, together with the making of various organic preparations. This course will alternate with Chemistry III. Offered in 1914. Chemistry I and II prerequisite.

Throughout the year, T. W. Th. F. 8:00 to 10:00, four hours credit, elective.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged as there is a demand for it.

THE EARTH SCIENCES.

Professor Tilton.

I. PHYSIOGRAPHY OF LAND FORMS. The various processes operative in developing the topography of the earth's surface are studied critically, following Salisbury's Physiography, advanced course, accompanied by the study of topographic maps and illustrative lantern slides, and by field trips. Various library references add further to the appreciation of scenery which the course develops, and to a knowledge of the physical conditions under which people live in the various parts of the earth.

Open to all undergraduates.

First semester, M. W. F., 11:25.

II. METEOROLOGY. The course opens with observational work requiring the use of various meteorological instruments, the preparation of a government monthly report, and the expression of data by diagrams. The various elements of weather and climate are next studied in detail following Salisbury's Physiography, advanced course, supplemented by individual study based on government maps. The study of climate is further extended by library work to include climatic conditions in various parts of the world, and the effect of climate on plant and animal life.

Open to all undergraduates.

Second semester, M. W. F., 11:25.

III. CRYSTALLOGRAPHY. The treatment of this subject includes both the study of crystalline form from models and specimens, and to a limited extent the use of the petrographical microscope in ascertaining the optical characteristics of minerals belonging to the different systems.

First semester, T. and Th., 9:00.

IV. DETERMINATIVE MINERALOGY. The larger part of the course is given to the identification of as many of the chief minerals as time permits. These are properly numbered, labeled and catalogued; they become the property of the student. The course closes with a study of the minerals in the college collection with reference to classification and use.

Pre-requisite, General Chemistry (I).

Second semester, T. and Th., 9:00.

V. GENERAL GEOLOGY. The course begins with a study of local geology as found in a series of field excursions so planned as to develop from critical study a knowledge of conditions in southwestern Iowa and of processes now in operation. From the knowledge thus gained the class proceeds to the general principles of Structural and Dynamic Geology; and then, in Historical Geology, to the facts bearing on the prominent theories concerning the origin of the earth, and to the evolution of the continents and life in past ages. The presentation is designed to be consistent with Christian faith and to afford that knowledge of the past which should be the property of all well educated people.

Open to all Seniors and Juniors.

First semester, T. W. Th. F., 10:25.

VI. ADVANCED GEOLOGY. This course supplements the general work in course V. Each member of the class is given an opportunity to pursue as extended and critical study in any line of the work as his previous training and his time permit. The class is conducted either on the seminar plan or by individual conferences, dependent on the subject chosen for study. The following are some of the courses open:

(a) Geologic Structure, study based on the Folios of the U. S. Geologic Atlas.
(b) Economic Geology, Riess' text.
(c) The Geology of Iowa.
(d) Microscopic study of rocks and rock forming minerals. (Crystallography and Mineralogy are pre-requisites.)

(e) Advanced library work on Physiography, or on any portion of geologic theory.

An extension of this course affords opportunity for the preparation of a report (or thesis).

While the course is regularly a four hour course, arrangements may be made for either more or less hours, as may suit individual needs.

Second semester, T. W. Th. F., 10:25.

VII. INVERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Invertebrates from the study of Zoology, the distribution in time of the various Sub-kingdoms is considered in order, and the variations which have taken place in each group. The presentation is from the biological side, but the groundwork is laid for the study of the use of fossils in determining the age of strata, and for the study of faunas. The course will supplement both Invertebrate Zoology (I) and General Geology (V).

Pre-requisite, Zoology.

First semester, T. and Th., 11:25.

VIII. VERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Vertebrates from the study of Zoology, the general facts of each Class are first reviewed; then the distribution in time of the various Classes is considered and the variations which have taken place in each Class. Finally the present distribution of animals and the bearing of past life upon present distribution are considered.

This course will supplement Vertebrate Zoology (I), Mammalian Anatomy and General Geology (V).

Pre-requisite, Zoology.

Second semester, T. and Th., 11:25.

EDUCATION.

Professor Ruggles.

I. PRINCIPLES OF TEACHING. A practical course in the teaching process. In this course the students are led to discover the principles of biology, psychology, and sociology as they operate in determining the results of the teaching process. Its aim is to familiarize the students with the methods of approach in applying the principles of the above named sciences to the problems of teaching. Practical and concrete application of the principles is emphasized. The students analyze the various types of lesson as the drill lesson, the study lesson, inductive and deductive lessons, review lesson, etc., with a view to determining the value and place of each in the school.

Throughout the year, M. W. F. at 8:00.

II A. PRINCIPLES OF EDUCATION. In this course are studied and discussed those factors, mental, social and physical, which play such an important part in the education of man. Education is considered in its broadest sense. Among the topics to be discussed are the following: Heredity and environment, individual differences, the transference of training, the individual and society, and the school as a social institution.

Open to Sophomores, Juniors, Seniors.

First semester, M. W. F., 11:25.

II B. THE PSYCHOLOGY OF CHILDHOOD. This is a course in applied psychology. It is designed to give a thorough and sympathetic understanding of child nature and development. A systematic study is made of mental and physical growth during the periods of childhood and adolescence. The varying physical, intellectual and social needs of the individual are studied from the standpoint of the latest scientific observations. The students are guided in the intelligent criticism of current theories in the field of child-study.

Open to Sophomores, Juniors and Seniors who have had Psychology or Education IIa.

Second semester, M. W. F.. 11:25.

III. HISTORY OF EDUCATION. This course is designed to give the student a knowledge of the great movements in education from the earliest times to the present. It aims to show the educational development as a vital and integral part of general progress and social development. Among others the following topics are discussed: Primitive education, Chinese, Hebrew, Greek, and Roman education: influence of Christianity upon education: monasticism, scholasticism, humanism. Students are required to become familiar with original source material in so far as possible.

Monroe's "Text-book in the History of Education" is used as a text in this course.

Open to Juniors and Seniors.

Throughout year Tu. Th. 10:25.

IV A. PRINCIPLES OF SECONDARY EDUCATION. A course dealing with the organization, management and teaching in the high school. The following topics will be discussed. The needs of the pupil of high school age; the place of the high school in the larger scheme of education; the curriculum and its organization; the value of the various studies; discipline and the social life of the high school. It is the aim to make this course of a high degree of practical value.

Open to Seniors.

First semester, Tu., Th., 8:00.

IV B. EDUCATIONAL FINANCE AND ADMINISTRATION. This course is offered to meet the needs of those who are not particularly interested in the problems of teaching, but who wish to be able to criticise intelligently the financing and management of the public schools, as considered from the standpoint of the tax-payer, The following topics will be considered: The apportionment of the school budget; the place of the school budget in the larger city budget; the interpretation of educational statistics; the facts which the people should know concerning the administration and financing of the school; school reports; the relationship of the board of education to the superintendent, principal and teachers; the responsibility of the school board to the people; the relationship of the public school to the industrial class, current problems in public school administration.

Open to Seniors.

Second semester, T., Th., 8;00.

V. SEMINAR. In this course current problems in education are studied and discussed. Students are guided in the performance of a definite piece of work or investigation in the field of education, the results of which are written up in the form of a thesis and toward the end of the year presented to the advanced classes in education.

Open to Seniors.

Throughout the year. Time to be arranged.

ENGLISH LANGUAGE AND LITERATURE

Professor Griffith and Associate-Professor Hayward.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to an appreciation of good literature by a study of selected masterpieces.

Those who wish to major in English should take English I and II, Literature I. II, V, and VI, and twelve hours of other work in the department. These twelve hours should be selected in accordance with with some plan and should include some courses in nineteenth century literature.

ENGLISH LANGUAGE.

ENGLISH I. RHETORIC AND COMPOSITION. A study of the principles of composition in which the student develops his command of English by both prepared and extemporaneous themes. Required of freshman in all courses.

First semester, T. Th., 8:00 or 10:25, two hours credit.

ENGLISH II. RHETORIC AND COMPOSITION. A continuation of English I, with special attention to methods in taking notes and the various literary forms. Required of all freshmen in all courses.

Second semester, T. Th., 8:00 or 10:25, two hours credit.

ENGLISH III. ARGUMENTATION. This course is a study of the principles of argument and debate. English I and English II are prerequisites. (Not offered on 1912-13.)

ENGLISH IV. THE ESSAY. This course includes a study of the different types of essay as a form of literature. An effort is made to develop originality by continual practice in writing. Prerequisites are English I and English II.

First semester, T. Th., 10:25, two hours credit.

ENGLISH V. THE SHORT STORY. A study of the history and the technic of the short story with continual practice in writing. Prerequisites are English I and English II.

Second semester, T. Th., 10:25, two hours credit.

ENGLISH LITERATURE.

LITERATURE I. BEOWULF TO MILTON. In this course, special attention is given to the relation of English literature to the intellectual development of the English people. Required of all students and may be studied in the freshman year.

First semester, M. W. F., 8;00 or 10;25, three hours credit.

LITERATURE II. DRYDEN TO TENNYSON. A continuation of Literature I, with special attention to the literary development of the nineteenth century. Required of all students and may be studied in the freshman year.

Second semester, M. W. F., 8;00 or 10:25, two hours credit.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people. The prerequisite is Literature I.

Second semester, T. Th., 9;00, two hours credit.

LITERATURE V. PRE-SHAKSPEREAN DRAMA. A study of the development of the English drama from the earliest time to the time of Shakspere with careful attention to dramatic technic. Literature I and Literature II are prerequisites. Those majoring in English should enter this course in the Sophomore year.

First semester, M. W. F., 9;00, three hours credit.

LITERATURE VI. SHAKSPERE. A study of the plays of Shakspere from class lectures and collateral readings. Literature I and V are prerequisites.

Second semester, M. W. F., 9;00, three hours credit.

LITERATURE VIII. ENGLISH LITERATURE, 1798-1832. A study of the Romantic movement both in poetry and prose. Open to Seniors and Juniors who have studied Literature II.

First semester, M. W. F., 11;25, three hours credit.

LITERATURE IX. ENGLISH LITERATURE, 1832-1900. A study of the Victorian Age in poetry and prose. Open to Seniors and Juniors who have passed Literature II.

Second semester, M. W. F,, 11;25, three hours credit.

LITERATURE XI. MILTON AND THE EPIC. A study of the English poems of John Milton with special attention to the epic as a literary form. Literature I is a prerequisite.

First semester, T. Th., 11:25, two hours credit.

LITERATURE XIII. TENNYSON. A study of the poetry of Alfred Tennyson. Literature II is prerequisite. This course alternates from year to year with Literature VIII. (Not offered in 1912-13.)

LITERATURE XIV. BROWNING. A study of the poetry of Robert Browning. This course alternates from year to year with Literature IX. (Not offered in 1912-13.)

LITERATURE XV. THE ENGLISH NOVEL. A study of the novel since the time of Richardson with special attention to the works of the nineteenth century. Open to Juniors and Seniors who have passed Literature II. (Not offered in 1912-13.)

LITERATURE XVI. CHAUCER. A study of the poetry of Geoffrey Chaucer including some study of the language and literature of the Middle English period. Open to Seniors and Juniors who have studied Literature I.

First semester, T. Th., 9:00, two hours credit.

LITERATURE XX. This course is primarily arranged for those who intend to teach English in the high school. The work includes a survey of the literary periods, a study of the literary types, and a critical analysis of some of the work required for college entrance, with special emphasis upon methods of presentation in the class room. This course is open to Seniors who have majored in English and to others who secure the consent of the instructor. It is desired that those who are to be recommended as teachers of English enter this course.

Second semester, T. Th., 1;30, two hours credit.

FRENCH.

Professor McLaggan.

I. ELEMENTARY FRENCH. Conversational method. Grammar memorizing of French phrases and idioms. Sight reading, simple dictation. Daily drill in conversation and pronunciation.

Texts—Frazer and Squaires French Grammar, Legoure's and Labiche's "La Cigale Ches les fourmis," Merimee's "Columba," Sand's "La Petite Fadette."

Throughout the year, M. T. W. Th., 11:25 or 2:30.

II. INTERMEDIATE FRENCH. Grammar special attention paid to verbs and idiomatic expressions, Composition, Dictation, Advanced drill in conversation, dialogues and short plays.

Private reading of two French novels and reviews of same.

Texts—Frazer and Squaires French Grammar II. Hugo's "Quatre Vingt Freize," Chauteaubriand's "Atala," Hugo's "Hermani," Balzac's "Pere Goriot," Rostand's "L'Aiglon," Hennequin's Lesson's in Idiomatic French, Contes de Maupassant, Contes de Daudet, Coppees "Le Pater."

Throughout the year, M. T. W. T., 9;00.

III. ADVANCED COURSE. Rapid reading of plays, poems, and prose of Classic French Literature, Lectures and themes, Translating English into French. Discussions and reviews of books being studied.

Texts—Corneill's "Le Cid," Racine's "Athalie," Moliere's "Le

Misanthrope,'' Voltaire's ''Zadiz,'' Canfield's French Lyrics, Beaumarchai's ''Le Barbiere de Seville'' and Letters, Lesage's ''Gil Blas,'' selections from poetry and comedies of Musset, Hugo's ''Les Miserables.''

Throughout the year, M., W., F., 10:25.

IV. MODERN FRENCH. Study of Modern French novels and plays, taking as a basis Pellessier's ''Le Mouvement Litteraire au XIX Siecle,'' Knapp's Modern French readings. Maupassants Contes Choisis. Augier and Sandeau's ''Le Gendre de M. Poirier, ''Rostand's "Cyrano de Bergerac'' and ''Chanticler.'' St. Beuve's ''Les Cruserie du Lundi.'' Balzac's Eugene Grandet,Hugo's''Notre-Dame de Paris."

Throughout the year, M., W., F.

V. FRENCH LITERATURE AND SOCIETY OF THE 17TH CENTURY. Reading from great dramatists and prose writers.

Texts—Crane's "La Societe Francaise au 17o Siecle," Warner's Prose Writers of the 17th Century. Boileau's ''Les Heros de Roman,'' La Fontaine Fifty Fables, Letters of Madam de Sevlane, Pages choises des Memoirs du Duc de St. Simon.

Open to those who have completed Course III.

Time to be arranged, three hours.

GERMAN.

Professor H. Jend. Miss McCleary.

The aim of this department is to give the student a knowlege of the language, literature and customs of Germany. Emphasis is placed upon conversation and every effort is made to help the student acquire ease in reading and understanding the language.

I. ELEMENTARY. B. J. Vos ''Essentials in German'' used as a basis for grammatical exercises. The course aims to give the student thorough training in the inflection, to accustom his ear to short German sentences, and to enable him to read simple prose.

Texts—Mueller and Wenkebach ''Gluck Auf,'' Bacon's ''Im Vaterland,'' Heyse ''L'Arrabbiata,'' Von Hillern ''Hoher als die Kirche."

This Course or its equivalent is prerequisite for all other work.

Throughout the year, W., Th., F., 11:25.

II. ADVANCED GRAMMAR AND COMPOSITION. Reading and writing of short essays. German is used in the class room.

Texts—Schiller ''Jungfrau von Orleans,'' ''Fouque Undine,'' Lessing, "Minna von Barnhelm,'' Goethe, ''Hermann und Dorothea."

Prerequisite Course I.

Throughout the year, T., W., Th., F., 10:25.

III. GERMAN CLASSICS. Study of German Classics of certain periods, The writing of German essays and simple stories is continued.

Texts—Schiller "Wallenstein," Goethe "Egmont," Freytag, "Der Rittmeister von Alt Rosen," Lessing, "Nathan der Weise." Several short German novels read outside of class and reports given.

Prerequisite Course I and II.

Throughout the year, M., W., F., 9:00.

IV. MODERN GERMAN. This course consists of the study of modern novels and plays with the social and political conditions.

Texts—The works of Hauptman, Sundermann Freussen. The second semester is devoted to she study of Goeth's "Faust.'

Prerequisite courses. I, II, III.

Throughout the year, M. W., 1;30.

V. SEMINAR. The seminar for 1912-13 will study the development of the novel after Goethe. The leading novelists and their works will be taken up.

First semester. Time to be arranged, two hours credit.

GREEK.

Professor Baker.

Courses I-IV are regarded as preliminary for a Greek major. Those who enter with two units of Greek will elect twenty hours from the above, if Greek is chosen as major.

I AND II. ELEMENTARY GREEK. Courses I, II, III and IV are provided for those who do not offer Greek for entrance. Courses I and II consist of the elements of the language as usually taught. Connected passages from Xenophon's Anabasis are introduced within the first few weeks of the Course. A portion of the first book of the Anabasis is read at the close of th second semester.

First and second semesters, T., W., Th., F, 8:00.

III. XENOPHON'S ANABASIS AND GREEK COMPOSITION. Two books are read. Exercises in writing Greek accompany the daily reading. Some oral practice in Greek is also given.

Collateral reading on the topics connected with the text is required.

First semester, T., W., Th, F., 1:30.

IV. XENOPHON: SELECTIONS. Oral work is continued, as well as written exercises. Collateral reading is required.

Second semester, T., W., Th., F, 1:30.

V. HERODOTUS, BOOK VI AND SELECTIONS. Portions of the sixth book of the history are chosen relating to and including the battle of Marathon. Other portions are chosen to illustrate the art of Herodotus as a story teller. Collateral reading is suggested suited to the historical portion.

First semester, T., W., Th., F., 11:25.

VI. PLATO: SELECTIONS. Collateral readings.

Second semester, T., W., Th.. F., 11:25.

SOPHOCLES: ANTIGONE. Scenic antiquities and the history of the drama are the collateral topics.

First semester, M., W., F., 2:30.

VIII. THE NEW TESTAMENT. Paul's Letter to the Romans.

Second semester, M., W., F., 2:30.

IX. EURIPIDES. Iphigeneia in Tauris.

First semester, T., Th., 2:30.

X. DEMOSTHENES DE CORONA.

Second semester, T., Th., 2:30.

HISTORY.

Professor Dodson.

Courses III and IV are prequisite to all later courses, and must be taken in the Sophomore year. In some cases Freshman may be admitted after consultation with the instructor.

The major subjects are courses V, VI, VII, VIII, XIII, XV.

The minor subjects are courses I, II, III, IV in the Department of Sociology and Economics. Other courses are elective.

Method in History is not a required subject in the History Group.

Course I in Biology is the science requirement, and must be taken not later than the Sophomore year.

I. GREEK HISTORY. A general survey of the civilization of the Greeks from early times to the close of Alexander's conquests. A brief account of the progress of Hellenism will be carefully traced. Text book readings, reports and lectures.

First semester, T. Th., 10:25.

II. ROMAN HISTORY. From the earliest times to 800 A. D. emphasis will be placed upon the period from 133 B. C. to 180 A. D. The decline of Rome and the transition period from 400 to 800 will be carefully developed. Text books, readings, reports and lectures.

Second semester, T. Th , 10:25

III. EUROPEAN HISTORY 1. An introductory course in the general movements of institutional life from the Germanic migrations to 1789. Robinson's History of Western Europe and Readings are used. For Sophomores. Text book, readings, reports and lectures.

First semester, M. W. F., 10:25.

IV. EUROPEAN HISTORY 2. The origin and course of the

French Revolution, the Napoleonic Era, and the Nineteenth Century. Continuation of III, 1. For Sophomores.

Second semester, M. W. F., 10:25.

V. ENGLISH HISTORY 1. From early times to the close of the Religious Revolution, 1603. Vols. I and II of Gardener's Students' History of England are used. Open to Juniors and Seniors. Text book, readings, reports and lectures.

First semester, M. W. F., 8:00.

VI. ENGLISH HISTORY 2. From 1603 to the present time. The constitutionalizing of the King in the 17th Century, the rise of political parties and development of the Cabinet, the economic revolution of the 18th Century, and the economic, political and constitutional reforms of the 19th Century. Open to Juniors and Seniors. Text book, readings, reports and lectures.

Second semester, M. W. F., 8:00.

VII. AMERICAN HISTORY 1. European background of—— and colonization of America, the Colonial period, the Inter-colonial Wars and Co-operation, the revolution, origin and establishment of the constitution—1789. Open to Juniors and Seniors. Lectures, readings and the study of documents.

First semester, M. W. F., 11:25.

VIII. AMERICAN HISTORY 2. The government under the constitution, 1789 to 1912. Lectures, readings and the study of documents. Open to Juniors and Seniors.

Second semester, M. W. F., 11:25.

IX. ENGLISH GOVERNMENT AND POLITICS 1. Growth of the English constitution, the responsible executive (cabinet-parliamentary) system of government, political parties and party methods, recent constitutional reform, etc. Comparison will be made with the American non-responsible executive (presidential) system. Lectures, readings, discussions and reports. Open to all except Freshmen.

First semester, T. Th., 11:25.

Given in 1913-1914 and alternate years.

X. AMERICAN GOVERNMENT AND POLITICS 2. Origin and growth of the American constitution, the presidential system of government, political parties and party methods, proportional representation and the primary nomination, initiative and referendum; party control of legislation and administration. Lectures, readings, discussion and reports. Open to all except Freshmen.

Second semester, T. Th., 11:25.

Given in 1913-1914 and alternate years.

XI. METHOD IN HISTORV 1. This course will treat of the nature of History, the instruments used in the interpretation and organization of historical material for teaching purposes, and from the viewpoint of the student and of the teacher; exercises in interpreting and organizing a special limited field. Ten hours of History required for entrance. Required of those preparing to teach History who wish the recommendation of the department.

First semester, T. Th., 11:25.

Given in 1911-1912 and alternate years

XII. METHOD IN HISTORY. Continuation of XI, 1. Critical examination of text books in History, in the light of principles discovered in XI, 1, of the evolution and interpretrtion of facts, their organization, etc.; making of lesson plans, and practice teaching in the Academy.

Prequisite XI, 1. Second semester, T. Th., 11:25.

Given in 1911-1912 and alternate years.

XIII. SEMINAR IN AMERICAN HISTORY. The subject for 1912-1913 will be selected later. Required of Seniors who select History as a major.

First and second semesters, M., 7:00-9:00 P. M.

XIV. AMERICAN CONSTITUTIONAL LAW. An elementary course in the study of the fundamental principles of American Constitutional Law. It is aimed to discover the location of the sovereign power in our government, and to trace the influence of the law and conventions of the constitution as they effect the distribution of that power. The study of cases will accompany the text. Cooley's American Constitutional Law and MacLouis Cases are used.

First and second semesters, prerequisite course VII, 1, two hours, two credits.

Given in 1911-1912 and alternate years.

XV. POLITICAL SCIENCE. An introductory course in the study of the main conceptions and principles of political science. Gettell's Introduction to Political Seience is used. Open to Seniors. At least 10 hours of history are required for entrance. Text book, lectures, readings and the examination of leading modern constitutions.

First and second semesters, T. Th., 11:25.

ITALIAN.

Professor MacLaggan.

I. ELEMENTARY ITALIAN. Conversational method. Grammar and composition, memorizing of phrases and short poems. Daily drill in conversation. Sight reading, simple dictation.

Texts—Sauer's Italian grammar. Bowen's reader. Goldon's La Locandiera. Selections from Italian Testament and Psalms, Manzoni's Promess Sposi. Fogazzari' Pereat Rochus.

Four hours.

II. INTERMEDIATE. Advanced work in Grammar composition, dictation, conversation.

Texts—Vergo's Cavalleria Rusticana ed altre novelle, Fogazzari Fidele. Alfieri's Oreste, Selections from Dante's Divina Comedia.

Three hours.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of constructions and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

Prerequisite, four years of Academy or H. S. Latin.

I A. TRANSLATION AND COMPOSITION. Cicero De Senectute, Tacitus, Agricola.

First semester, T., W., Th., F., 9:00.

B. TRANSLATION AND COMPOSITION. Livy, Selections from Books I, XXI, and XXII, Virgil, Georgics.

Second semester, T., W., Th., F., 9:00.

Course I is prerequisite to all the others.

II A. TRANSLATION: STUDY OF ROMAN LITERATURE. Horace, Odes and Epodes. Selections from Roman poets.

First semester, M., W., F., 10;55.

B. TRANSLATION AND STUDY OF STYLE. Horace, Satires and Epistles, Plautus, Trinummus.

Second semester, M., W., F., 10;25.

III A. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Juvenal and Martial. Johnston's Roman Private Life.

First Semester, T.; Th., 10;25.

B. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Martial and Pliny the Younger, Johnston's Roman Private Life.

Second semester, T.; Th., 10;25.

Course III will be offered in 1912-'13,

IV A. ROMAN CONSTITUTIONAL LAW.

First semester, T., Th., 10;25.

B. REVIEW OF LATIN GRAMMAR.

Second semester, T., Th. 10;25.

Course IV will be offered in 1913-'14.

MATHEMATICS.

Professor Emmons.

While the principle objects in the courses in Mathematics are mental discipline and training in logical thinking, the application to the problems of everyday life of the power of analysis acquired, incidentally proves that the subject has a high utilitarian value. The student receives the subject matter through the text-book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

Those who major in Mathematics are expected to complete courses I-VIII, except that ladies are advised to substitute Mechanical Drawing for Surveying.

I. PLANE AND SPHERICAL TRIGONOMETRY. The class is divided into two sections. the first reciting at 9:00 o'clock and the second at 11:25. The object of the course is three-fold: to define the trigonometric functions and study the relations among them, to acquire skill in the use of certain mathematical tables, and to learn and practice the methods of solving plane and spherical triangles.

First semester, M. W. F. required, 9;00 or 11;25.

II. COLLEGE ALGEBRA. This course includes a short review of quadratic equations, biquadratic equations, and complex numbers, and selected topics from higher algebra such as the properties of equations, binomial expansion, undetermined coefficients, logarithms, permutations and combinations, and series.

Second semester. M. W. F., 9;00.

III. PLANE SURVEYING. After studying the plan of construction and the adjustments of the standard instruments the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit or level in the field are assigned. The student is required to keep a field note book of all surveys and problems.

Second semester, T. Th., two hours. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. ANALYTIC GEOMETRY, PLANE AND SOLID. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations. Prerequisites, I and II.

First semester, five hours, daily 10;25.

V. DIFFERENTIAL CALCULUS. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivative. In this course emphasis is laid upon the differential calculus though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prerequisite IV.

Second semester. five hours, daily 10:25.

VI. DETERMINANTS AND THEORY OF EQUATIONS. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V.

Second semester, four hours, T. W. Th. F., 8;00.

VII. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. This is a continuation of course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

First semester, four hours, T. W. Th. F., 8:00.

VIII. ASTRONOMY. A course in descriptive astronomy including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four inch equatorial telescope. Prerequisite I.

Second semester, four hours, M. T. Th. F., 11:25.

IX. SEMINAR. Time and nature of work to be arranged with the students concerned. It is desirable that the student pursue this course throughout a year.

PHILOSOPHY.

Professor Morley.

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. It seeks to co-ordinate and unify all departments of human knowledge. Its chief personal and cultural value lies in the wide outlook, and the true understanding and evaluation of life and nature which it gives, and in the development and discipline of the analytical and logical powers of the mind. From the practical standpoint it is essential to the best foundation for law, theology or other professional studies calling for the most accurate and consistent reasoning. The purpose of the department is to open this field of study to the student and to bring some of the more important results of philosophic enquiry into close relation to the practical needs and problems of present day life.

I. GENERAL PSYCHOLOGY. This course presents the main facts, laws and interpretations of the mental life. These are studied in an introductory way during the first semester and with more detailed and intensive method during the second semester. Two texts are studied and their use is supplemented by written exercises, class discussions, Lectures are given upon special phases of mental life upon comparative psychology and upon dreams, sleep, hypnosis, hallucination, and other forms of abnormal psychology. The lectures are supplemented throughout by experiments and demonstrations before the class.

Open to Sophomores.

Throughout the year, M,, W., F., 8;00.

II. THEORY OF THOUGHT AND KNOWLEDGE. An elementary and practical course in Epistemology. The philosophy of the Knowing and Thinking process with a study of the fundamental principles of thought and the rational processes by which we come to our judgments and beliefs. Lectures, Class Discussions, Collateral Reading. Required of all majors in Philosophy.

First semester, T. Th,, 2;30.

III. INTRODUCTION TO PHILOSOPHY. This course is intended for the general student who wishes to know something of the philosophical problems that have engaged human thought; and it is as well a preparation for those who wish to pursue the more advanced courses in philosophy. An attempt will be made to present the various philosophical systems in relation to the science and general civilization of the periods to which they belong. Roger's "A Student's History of Philosophy," will be used as a text. Open to Juniors who have completed Psychology I. Required of all majors in Philosophy.

First semester, M. 7. W. Th., 1:30.

IV. MODERN PHILOSOPHY. In this course it is proposed to examine systematically and critically the leading types of philosophical theory from Kant to the present time, and to study some of the fundamental metaphysical problems, and the methods and principles that modern philosophy employs in their solution. Open to Juniors who have had course III. Required of all majors in Philosophy.

Second semester, M. T. W. Th., 1:30.

V. ETHICS. After a study of the different types of ethical theory, this course considers the origin and the authority of the moral law, the functions of conscience, and the rational principles which may be brought to bear upon the ethical aspects of current judicial, social and commercial problems. Seth's "Ethical Principles" is used as a text book. Open to Juniors. Required of all majors in Philosophy.

First semester, T., W., Th., F., 10;25.

VI. THESIS COURSE. This course consists in prescribed readings in investigation of some subject in philosophy approved by the head of the department. This study and the preparation of a thesis will continue throughout the year. The time of conferences and for the presentation and defence of the thesis will be privately arranged. Open to Seniors who major in Philosophy. Maximum credit four hours.

VII. PHILOSOPHICAL SEMINAR. The aim of this course is to supplement the work in courses III and IV by a more intensive study of the problems there raised. It will aim to give an acquaintance with leading philosophical systems in their original form. A reading knowledge of French and German, while not required will be of advantage. The work will be mainly individual study under the direction of the head of the department, with weekly conferences and discussions. Open to Seniors who major in Philosophy. Credit will be arranged according to the amount of work done.

Second semester, Th., 2:30.

NOTE—Course II will be given by President Strickland.

COLLEGE PHYSICS.

Professor Tilton.

I. REVIEW PHYSICS. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded Seniors who wish to teach but have not registered in courses II and III. This review work is so arranged that those who have had course II can review the elements of the remainder of the subject by electing the second semester of Physics I, and those who have had course III can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Each semester, F., 1:30.

II. MECHANICS OF SOLIDS AND FLUIDS in the first semester, SOUND AND HEAT (including Thermodynamics) in the second semester.
Each semester beginning in the odd years, M. T. W. Th., 2:30. (On laboratory days 1:30 and 2:30.)

III. MAGNETISM AND PART OF ELECTRICITY the first semester. ELECTRICITY AND LIGHT the second semester.
Each semester beginning in the even years, M., T., W., Th,, 2:30. (On laboratory days, 1:30 and 2:30.)

General explanation, Physics II and III: It is advisable, though not required, that Physics II precede Physics III. For admission grades in Elementary Physics and Trigonometry are necessary. When advisable registration is permitted for partial courses.

The various subjects are presented partly by text-books with recitations thereon, and partly by lectures. The class work on each subject is then followed by a laboratory course consisting of the following: (a) important experiments of an illustrative character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for futher technical and engineering courses. It is also planned to prepare those to teach who wish to teach Physics in high schools.

Those who are unable to take both Physics II and III will find the following the next best combination of courses: Physics II and the second semester of Physics I, or Physics III and the first semester of Physics I.

IV. SPECIAL PHYSICS. This course is especially for those who are majoring either in Physics or in the Physics side of the Pre-engineering group. It will consist of individual laboratory work upon some problem bearing on future life work in engineering, followed by the preparation of a written report, or thesis, on the problem assigned. In this work those who are to take up Electrical Engineering will continue the study of the alternate current, which was begun in Physics III.

Either semester, by special arrangement. A maximum of four semester hours of credit is allowed.

PUBLIC SPEAKING.

Professor Martin.

I. VOCAL CULTURE AND DECLAMATION. A study of pronunciation, articulation, and emphasis with exercises to develop purity, flexibility, and strength of voice. Selections are committed and recited before the class. Required.

First semester, T., Th., 1:30.

Second semester, T., 3:30; F., 2:30.

II. DECLAMATION AND IMPERSONATION. A continuation of voice drill begun in Course I, with special reference to oratorical form. Gesture is considered and a few periods given to impersonation,

Prerequisite I.

Second semester, T., Th., 1:30.

III. EXTEMPORANEOUS SPEAKING. Practice is given in speaking upon topics suitable to various occasions.

Prerequisite I and II.

First semester, T., Th., 11;25.

IV. ORATORY, A study of the Modern Oration with practice in constructive oratory: Private instruction is given in the delivery of orations which are written in the class and which are given before the members.

Prerequisite I and II.

Second semester, T., Th., 11:25.

V. DRAMATIC EXPRESSION. Dramatic literature both classic and modern is studied, scenes enacted in class, and plays presented in public.

Prerequisite I and II. Hours arranged to suit the convenience of students.

VI. INTERPRETATION OF MODERN POETS. This course while open to all who have taken courses I and II, is intended especially for those who expect to teach English Literature. English Literature VIII and IX should precede this course or be taken in conjunction with it, except by special permission. A large number of selections from 19th Century poets will be memorized and delivered, and opportunity will be given to prepare lecture recitals.

Prerequisite I and II.

First and second semester, M., W., F., 11:25.

VII. ADVANCED DECLAMATION. This course is open to Senior students who have pursued all the other public speaking courses and have shown unusual ability. Each student meets the instructor privately twice a week, and is expected to give a public recital before the close of the year.

Prerequisite all courses. Hours to be arranged.

RELIGION.

President Strickland.

A thorough modern education demands some serious study of the development of the religious consciousness as seen in primitive forms of worship and in the great ethnic religions of the world. The greatness of Christianity can be appreciated only by contrast with other religious systems. The object of the work in the Study of Religion is to present the truth of a gradual unfolding Revelation of the Divine in human life. The method is historical and constructive.

In the College course the thoughtful student finds his horizons of knowledge widening and some of his beliefs and standpoints shifting. One of the aims of this department is to afford guidance to the student through this transition period, so that while he may change his view points, his religious faith may be deepened, not dissipated.

I. PHILOSOPHY OF THE CHRISTIAN RELIGION. A presentation of the rational and philosophical foundation for positive Christian faith in terms of modern thought. The course includes a brief history of religion, primitive beliefs and forms of worship, and a short study of several of the ethnic religions. This is followed by a study of early Hebrew religion and its development into later Judaism. The origin and growth of Christianity are taken up with the purpose of showing that it is the only adequate World-religion. Lectures and required reading.

Throughout the year, T., Th.. 9:00.

II. A STUDY OF CHRISTIAN FAITH AND EXPERIENCE. In this work the student is led to consider the great fundamental teachings of Christianity in their relation to modern forms of thought and to realize the difference between the abiding content of Christian Faith and its outward form in creeds and theologies. A reverent and rational interpretation of some of the significant facts of religious experience is also given.

Lectures, discussions, readings with written and oral reports.

Psychology and Philosophy of Religion are prerequisites.

Second semester, T., Th., 2;30.

ENGLISH BIBLE.

Professor Morley.

The following courses are arranged to meet the requirements of the general student body, They aim to set forth the social, political, literary and religious materials of the Bible with which every educated person should have an acquaintance. They also serve as valuable introductory courses to those preparing to become religious teachers and leaders.

I. OLD TESTAMENT: THE PRE-EXILIC PERIOD. This course traces the progress of revelation and faith among the early Hebrews from the traditional period, through the nomadic and transitional stages to the founding and dissolution of the monarchy. Particular attention is given to the rise and functions of the order of prophets, the growth of the conception of ethical monetheism and the centralization and changing forms of worship. Text book and lectures.

First semester, T.. Th., 9:00.

II. OLD TESTAMENT: THE POST-EXILIC PERIOD. The later history of the Jews will be traced in the divided kingdom, the exile, in the Persian and Greek domination and the Maccabean struggle for liberty. Some time will he given to the prophetic and wisdom literature and the growth of the Messianic expectancy. Text book and lectures.

Second semester, T., Th., 9:00.

III. THE LIFE AND TIMES OF CHRIST. The course will examine the sources and history of the Gospel records, the history of Palestine in the time of Christ, the synoptic problem and the fourth Gospel, the life, ministry and teachings of Christ, together with contemporary Jewish traditions as embodied in the Talmud. Text book and lectures.

First semester, T., Th., 9:00,

IV. THE APOSTOLIC AGE. This course will be a study of the founding of the Christian Church, the spread of Christianity, the religious ideas, customs and literature of the apostolic age. While this course is a unit yet it is taken with best advantage in sequence with course III. Text book and lectures.

Second semester, T., Th., 9:00.

Courses III and IV are given in 1912-13 and thereafter will alternate with courses I and II. Four hours of Bible are required of all. The other courses may be taken as free electives.

SOCIOLOGY AND ECONOMICS.

Professor Dodson.

I. ELEMENTS OF ECONOMIC SCIENCE. The aim is to give a scientific explanation of modern industrial society; to acquaint the student with the methods of approach to—and the nature of present day problems, with their practical applications to the duties of good citizenship; and at the same time to lay the basis for the more advanced work in the same field. Open to Juniors and Seniors. Text book, readings, reports and lectures.

First semester, M. W. F., 9:00.

Given in 1912-1913 and alternate years.

II. ELEMENTS OF ECONOMIC SCIENCE. I continued. Second semester.

III. GENERAL SOCIOLOGY. An elementary course in the methods and problems of sociology with their application to present day affairs. Psychology I and Biology I are required for entrance. Open to Juniors and Seniors. Text book, readings, reports and discussions, and lectures.

First semester, M. W. F., 9:00.

Given in 1911-1912 and alternate years.

IV. SOCIAL PSYCHOLOGY. The social mind and its reaction upon the individual mind. Laws of suggestion; mob-mind, and imitation; "craze" and "fad"; fashion, conventionality, custom and tradition; public opinion; social conflict, compromise, discussion, free speech. Interpretation of contemporary society. Open to Juniors and Seniors. Text book, reading, reports, discussions and lectures.

Second semester, M. W. F., 9:00.

Given in 1911-1912 and alternate years.

The Program for Progress.

THE great need of Simpson College is the means which will enable us more adequately to provide for the splendid body of young men and women who come to us every year seeking a higher education.

The program for the immediate future is this:

1. The increasing of the endowment to $500,000. At present the endowment is something over $300,000, $216,000 of it productive. It *must* be made $500,000 of *productive* endowment by January 1, 1917.

2. The building of a new main building to contain an Auditorium, quarters for the literary societies and for the College Y. M. and Y. W. Christian Associations, and some greatly needed class rooms. This building should be about 130x75 feet and would cost approximately $80,000.

During the present year two new chairs have been established—that of French (French and German were formerly one chair) and an assistant professorship in English. The library has been increased from 5,000 to 8,500 volumes.

We appeal to the Christian men and women of our territory, to whom God has entrusted more of this world's goods than they require for their needs, to lend a part of their means for all time to the cause of Christian education at Simpson College. The dividends will be paid each year in a company of young men and women given a higher education, trained in the Christian ideal and imbued with the Christian spirit, to go forth into various walks of life in these days as followers of Jesus Christ.

Some of God's stewards ought to remember the College in their wills. Here are forms which will insure the carrying out of such a wish:

I give and bequeath to Simpson College, located at Indianola, Iowa, the sum of . . . . Dollars, to be added to and considered a part of the General Endowment Fund.

I give and bequeath to Simpson College, located at Indianola, Iowa, the sum of . . . . Dollars, to be used to endow a chair in the faculty to be named the . . . . Professorship.

The Academy.

The Academy.

BOARD OF INSTRUCTORS.

FRANCIS L. STRICKLAND, PH. D.
President of the College.

ALLEN RUGGLES, A. M.
Principal of the Academy.

GRACE HAYWARD, A. M.
Instructor in English.

JOSEPHINE McCLEARY, A. B.
Instructor in German and Latin.

ELIZABETH SMITH, A. B.
Instructor in History and Drawing.

GRACE BEAM, A. B.
Instructor in Mathematics.

HAROLD IDDINGS, A. B.
Instructor in Physical Culture.

The Academy.

THE Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the Academy which was continued, remains today a useful department of the institution.

With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But Simpson Academy still fills a needed place.

Several things are worth considering here. In the first place, many towns of Iowa have not yet reached the point where they can maintain a fully accredited High School with the standard four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is a considerable advantage in being able to come to a college which maintains a high grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college fully prepared and without the handicap of being conditioned in work required for admission.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the High School work for a year or two but gave it up. They do not wish to go back to the High School for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in our Academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by the permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This of course is impossible at the regular high schools.

Much of the teaching in the Academy is done by the Instructors. In some cases however the Professors of the College give the instruction in their departments. This is true in beginning the study of languages. We think it a matter of prime importance that students should begin the study of Latin, German, or Greek under the guidance of the most experienced teachers we have. Our students therefore have their *first* year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German.

There is careful supervision of the Academy work by the heads of the departments. For we do not regard our Academy as a mere adjunct of the College but as an integral part of the institution.

Each member of the faculty makes a written report four times a year to the President. This covers the work in the Academy as well as in the College. And at the faculty meetings held every two weeks, the various parts of the work of the college come up for report and discussion.

In considering whether you would come to Simpson Academy, have you thought of the advantage of being in a school where the instruction is supervised by the experienced teachers of a college faculty, and where some of the instruction is given by them?

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years course may be admitted to any year by submitting certificates or other evidences of the amount and satisfactory character of the work done.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

No student will be recommended for graduation from the Academy who has more than four semester credits ranking as low as seventy-five per cent.

PRIZES.

The Buxton Scholarship Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars worth of books, is awarded to the member of the senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy. the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the senior class who has been in attendance during the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

LITERARY SOCIETIES.

The Academy has two literary societies both of which are in good condition. The students are urged to join one of these societies and gain the culture and training which comes from participation in the regular work of the programs. Not only may they gain practice in debate and parlimentary usage but may acquire the art of thinking on their feet. The ability to express thoughts in good English is an accomplishment for which every student should strive.

The Lowell Lyceum, organized in 1891 and the Pierian Society are composed of both young men and young women of the Academy, Conservatory and School of Business. The regular meetings are held in their respective rooms every Friday.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements.

The work of the freshman year in college may be arranged to fit the student's acquirements in language. The minimum requirements for admission to college may be found under the heading "Admission to College."

ACADEMY COURSE OF STUDY.

First Year.

Ancient History	4	4
Elementary Latin	5	5
Algebra	4	4
Physical Geography	5	0
Elementary Composition	0	5
Elocution	1	1
Drawing	1	1
	20	20

Second Year.

Caesar	5	5
Geometry	4	4
English	4	4
Biology	4	4
Elocution	1	1
	18	18

Third Year.

English	4	4		
Algebra	0	4	4	8
Three studies from this list first semester; two the second semester.				
Cicero	4	4		
German	4	4		
Advanced Grammar	4	0		
Greek	4	4		
Solid Geometry	4	0		
Elementary Economics	0	5		
Bookkeeping	5	5		
Elementary Botany	0	5	13	9
			17	17

Fourth Year.

English	4	4		
Elementary Physics	5	5	9	9
Two studies from this list.				
Latin	5	5		
Greek	4	4		
German	4	4		
United States History	4	4		
Elementary Botany	0	5		
Advanced Grammar	4	0		
Advanced Arithmetic	0	4		
Elementary Education	4	0		
Bookkeeping	5	5	9	9
			18	18

Physical Culture is required two hours per week. No one may be excused from physical culture except on written permission of the Director with endorsement by the President.

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units of which three must be in Foreign Language, two and a half in Mathematics; three in English: one in History and one in Elementary Physics.

Of the language units offered for College entrance at least two must be in a single language. Where the third unit is different, the language of that single unit must be continued in the Freshman year unless the student elects Greek.

''Unit'' means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hours per week.

Fifteen units required for unconditional admission to College.

Fourteen units admit to conditional standing in the Freshman class. Conditions must be made up by the middle of the Sophomore year or the student will not be continued in his class.

ACADEMY MATHEMATICS.

Miss Beam, Instructor.

ALGEBRA, I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Throughout the year, T., W., Th., F., 11;25, four hours.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials, and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Throughout the year, T., W., Th., F., 10:25, four hours.

GEOMETRY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems of mensuration. Prerequisite, Geometry I.

First semester, M., T., W., Th., 1;30, four hours.

ALGEBRA II. In this course a few of the subjects treated in Algebra I are taken up for reconsideration from a more advanced and critical viewpoint. The development of number systems of Algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few more of the more advanced topics such as progressions, binomial theorem and logarithms may be included. Prerequisites, Algebra I, and Geometry I.

Second semester, M.. T., W., Th., 1:30, four hours.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the student to teach arithmetic in the public school grades. Three things are to be undertaken, viz: (1) to familiarize the student with arithmetic, (2) to guide the student in a study of the viewpoint and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text books.

Second semester, M., T., W., T., four hours.

THE ENGLISH COURSE OF THE ACADEMY.

Miss Hayward, Miss Smith.

In the *first year*, the first semester is spent in the study of Rhetoric and Composition. The second semester will continue the study of Composition but this work will be based on a study of the American classics. The aim of this year's work is to arouse interest in literature and to develop some skill in simple narration.

The study of the *second and third years* completes the college entrance requirements. It is expected that the student will gain a careful knowledge of the best of English literature and an understanding of history from collateral readings. The work of these years includes writings studied in class and assignments for private reading on which reports are made. The composition of these two years is fitted to the subjects studied and the attention to this branch of English study is never overlooked. The student progresses to more difficult composition as the works studied become more difficult and he is continually taught to look for the excellencies of style in the writings under consideration.

ELEMENTARY EDUCATION.

Professor Ruggles.

The Theory and Practice of Teaching in Elementary Schools.

This course is designed to give the student specific instruction in the solution of the everyday problems of a teacher, and to meet the needs of those who are going into district or graded school work. Among other topics the following will be discussed. The recitation; the study period; the writing of lesson plans; various types of lessons; schoolroom discipline; the recess; the ethical relationships of the teacher, his moral and social responsibility; the relation of the teacher to the community; the relation of the teacher to the school board.

Open to third and fourth year Academy students, and required of all Normal students of sub-collegiate rank. First semester. T. W. Th. F., 9:00.

ACADEMY LATIN.

Professor Hunting, Miss McCleary.

The work of no year is more important than that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advanced years, a serious lack in the first year's work.

FIRST YEAR. A thorough drill in the elements of Latin grammar is given. Analysis and diagramming are used, as in English grammar, for the purpose of teaching language relations. The translation of English into Latin is emphasized as furnishing the best means of applying the principles of Latin grammar.

THE SECOND YEAR. Caesar's Gallic Wars and Nepos with Prose Composition based upon the text. Drill in Latin grammar is continued.

THE THIRD YEAR. Cicero's Orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied.

FOURTH YEAR. Virgil,s Aeneid. This is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year, is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rythm of the verse. The study of mythology is begun with Virgil.

ACADEMY GREEK.

Professor Baker.

I. ELEMENTARY GREEK. This course occupies one year and covers the elements of the language, with continuous reading from the Anabasis of Xenophon begun during the first month of the course.

First and second semesters, T., W. Th,, F., 8:00.

II. XENOPHEN'S ANABASIS. This course includes four books of the Anabasis with such collateral reading as may be necessary for comprehending the bearing of the narrative. Exercises in oral and written Greek form a large part of the course.

First and second semesters. T., W.,. Th., F., 1:30.

ACADEMY HISTORY.

Professor Dodson, Miss Baker.

Two years of history are offered in the Academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalization before he has a sufficient number of concrete facts. The order should be reversed.

The teaching of civil government apart from its historical settings generally results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses.

I. ANCIENT HISTORY. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical development of ideas, rather than forms, and of the relation of environment upon earlier life. West's Ancient History is used.

Throughout the year, T., W,, Th., F., 9:00.

II. UNITED STATES HISTORY AND CIVIL GOVERNMENT. A course in history and government from the beginning to the present time, with emphasis upon the period after 1789. James and Sanford, American History and Government in the State and Nation, are used.

Throughout the year, T., W., Th., T., 9:00.

ELEMENTARY BOTANY.

Professor Jenner.

The course consists of a general survey of the whole field of botany in such a manner as to acquaint the student with the plant life about him, and give him a knowledge of the morphology, ecology and physiology of some of the typical seed plants. A minimum amount of work is done on an herbarium, but the student has it constantly impressed upon him that the study of plants is not primarily the study of flowers with a view to their arrangement in a systematic scheme. Emphasis is placed on life processes as the subject matter of botany. Stephen's Introduction to Botany will be used as a text in 1912-13.

ELEMENTARY HUMAN PHYSIOLOGY.

A general survey of the structure and functions of the human body with a view to giving the knowledge which every graduate of a secondary school should have concerning its proper care. Hough and Segwick's Human Mechanism is used as a text.

ELOCUTION.

Professor Martin.

The student learns to develop an easy, natural and finished manner in conversation and public address. Exercises are given to correct faults in carriage and in breathing, articulation, and pronunciation. Practice is furnished in sight-reading, in the reading of essays, and in the rendition of oratorical and dramatic selections. The selections are committed to memory and recited before the class. *This course is required of all first and second year preparatory students. One hour per week throughout the year*

ELEMENTARY PHYSICS.

Mr. ....

A grade in at least one semester's work in Algebra is necessary to registration in this class. The work is planned to give a general knowledge of the subject. with a thorough study of the principles both from a complete laboratory course in which individual experimental work and written reports are required and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by a "Laboratory Course in Physics" by the same authors.

Five hours per week throughout the year, 10;25; double periods when Laboratory work is in progress, 10:25 and 11:25.

PHYSICAL GEOGRAPHY.

Mr. ....

In the Academy course in Physical Geography Dyer's "Lesson's in Physical Geography" is used as a text, The course as presented will give both a general knowledge of the subject and training in the application of the principles studied.

First semester, five hours per week, 8:00.

Normal Courses.

THESE courses are intended to furnish pedagogical training to those who intend to enter upon the work of teaching in the High Schools or grades.

The courses are fully accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing. It is very desirable that a teacher should be able to illustrate by simple drawings which are accurate enough to convey the ideas intended.

The vocal music will include the elements of music, sight singing, with the most approved methods of instruction for the public schools.

The physical culture will be under a competent director.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES.

I. GRADUATES OF THE COLLEGE who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education is outlined under its proper heading in the departments of instruction of the college.

II. FIVE SEMESTER NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent.

The course includes. (a) Four semester's work from the college courses chosen under the guidance of the professor of Education who is the adviser of all students taking the Normal Courses.

Education I which is the course in Principles of Teaching must be included in the above.

(b) In addition it is required that there be a review of the common branches, and a study of the methods of teaching them, as outlined in course III.

Those completing the five semester course for high school graduates will receive a diploma and will be thereby entitled to a two years' State Certificate. If success attend their work in the public school, a second grade State certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

III. A THREE YEAR COURSE for teachers, holding a First Grade Uniform County Certificate.

Persons entering this course without this qualification will be expected to make good the deficiency before receiving the diploma.

Those completing this course will receive the two year State certificate. The work is according to the following plan of study:

FIRST YEAR.

First Semester.		*Second Semester.*	
Physiology	5 hours	Botany	5 hours
Composition	5	Rhetoric	5
Algebra	5	Algebra	5
History	5	History and Civics	5
Drawing	1	Drawing	1
Physical Culture		Physical Culture	

SECOND YEAR.

		Second Semester.	
Psychology	5 hours	School Management	5 hours
School Sanitation	3	Elocution	2
English	4	English	4
Drawing	1	Drawing	1
Elective		Physical Geography	5
Physical Culture		Physical Culture	

THIRD YEAR.

		Second Semester.	
English Literature	4 hours	American Classics	4 hours
Physics	5	Physics	5
Methods Geography	5	Methods Arithmetic	5
Methods Grammar	5	Methods Reading and Juvenile Literature	5
Music		Music	
Penmanship		Penmanship	

Conservatory of Music.

Conservatory of Music.

THE FACULTY.

FRANCIS L. STRICKLAND, Ph. D.,
President of the College.

FRANK E. BARROWS,
Director of the Conservatory and Instructor in Piano, Pipe Organ and History of Music.

EVERETT OLIVE, MUS. B.,
Instructor in Piano and Theory of Music.

JOHN McK. HENDERSON,
Instructor in Voice Culture,

PERSIS HEATON, MUS. B.,
Instructor in Piano.

HERBERT J. HARVEY,
Instructor in Violin.

EFFIE SILLIMAN,
Instructor in Public School Music, and Normal Methods in Music.

ETHEL D. MAC FADON, MUS. B.,
Instructor in Voice Culture.

Simpson College Conservatory of Music.

THE purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

An intelligent interpretation of any great work can be given only by one who has the mental training which enables him to grasp the noblest thoughts of the great composers. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The Conservatory is situated in a pleasant college town, and because of its moderate size its faculty can meet the needs of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantage of school over private instruction are apparent. No matter what course be selected, the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building is a substantial structure of pressed brick. This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. In the building are teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the students for practice at a nominal fee. From observing the work of the students we find that those who do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on the excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or voice, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for, and is one of our chief advantages, as we do not have to wait and send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano, Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follow music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. Post graduate course.
5. A course in Public School Methods.

BEGINNERS.

From the numerous inquiries that come to the Conservatory office it would seem many have formed the opinion that we accept only advanced pupils in the various lines of musical culture. We wish to emphatically state that this is an erroneous idea—that while each year we receive an increasing number of advanced students from other schools who come here for instruction, we also are especially pleased to take those who are just beginning their musical studies. Many who have taken up their studies here from the beginning have made unusual progress, as from the first they have had correct teaching and have not formed habits of careless practice and performance. Pupils of all grades are accepted and will find here instructors who will suit the instruction to their special needs.

LENGTH OF COURSES. The length of time required to finish courses 1 and 3 depends upon the ability of the pupil, and upon his concentration and industry. Few however are able to complete the work in less than four years.

THEORETICAL REQUIREMENTS FOR COURSES 2 AND 3, LEADING TO DEGREE OF BACHELOR OF MUSIC OR DIPLOMA. Harmony—Six terms. Counterpoint—Three terms. Analysis—Three terms. Musical History—Three terms. Biography of Musicians—Three terms. Ear Training—Two terms.

DIPLOMA. A diploma from the Conservatory is given to those who complete the theoretical requirements and finish the required work in either voice, piano. violin or pipe organ. Fee for diploma $3.00.

DEGREE. The degree of Bachelor of Music is awarded on completion of the theoretical requirements and one other branch of musical study, to students who have presented either a diploma from an accredited high school or a certificate of equivalent work. Fee for degree $5.00.

Students who may be candidates for both the College degree and Bachelor of Music must elect additional hours; as the same work cannot be counted toward both degrees.

THE DEPARTMENTS OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and dimished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3d Term. The suspension, retardation, anticipation, unessential notes, organ point, dissonances, harmonization of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double and triple counterpoint.

3d Term. Quadruple counterpoint. Counterpoint in five, six, seven and eight voices.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette, Scherzo, Suite. Canon and fugue. With examination of the works of the classical composers in all the above musical forms.

3d Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week throughout the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the North; the Troubadors; influence of the Church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extend throughout the year, one lesson per week.

PIANO.

COURSE I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces selected as are calculated to cultivate a pleasing musical touch. Committing to memory is insisted upon from the first of the course to its completion.

COURSE II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

COURSE III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform; and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals, and is able to follow the parts clearly, he takes up the easier compositions by Bach, and the more modern composers.

SINGING.

Singing is the musical interpretation of text, by means of the human voice. It logically follows then that the first and most important factor in singing is the presentation of the story; a presentation which puts the listener in a comfortable frame of mind, causing him to follow the story being sung just as he would were a splendid orator presenting it.

Often a young person, through good environment, and opportunity of hearing English well spoken as well as sung (which is a rarity), will sing simply and easily, and even artistically. Everyone enjoys hearing such a performance, and soon a teacher is in charge of the career of the promising beginner.

Instead of following along the path so happily stumbled upon, the poor victim is usually overwhelmed by mythical and vague instruction to "place the tone." "Placing,' a tone is just about as sure and tangible in its value as a means of acquiring coutrol of one's vocal possibilities as the finding of the proverbial haystack needle.

A proper pronunciation of the vocal sounds and handling of the consonants is the greater part of vocal training. Scales necessarily must be sung with regularity, and special physical exercises practiced to eradicate whatever stiffness may exist in the respiratory or vocal muscles, and this only tends to bring about a balance and poise, physical and mental.

The balance being established the student is ready to begin the development of his text presentation, as the vocal powers are now under control; and the mood of the singer is just as simply expressed, without thought of "nasal resonance," "head" or "chest tones" as is that of a child. who possesses the ability of expressing whatever it feels; and this is absolutely all so-called "tone placing" means.

The aim of the vocal department of Simpson Conservatory is to bring about such results, and even the choruses, Glee Club, etc., are rigidly required to present their work so clearly that anyone, however unmusical, may see the picture and understand the story presented.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced and musical studies and pieces. Ensemble playing, orchestral work, and the study of such pieces as are suitable for public performance.

COURSE III. Work designed to prepare the pupil for the concert platform or for teaching.

PUBLIC SCHOOL SUPERVISOR'S COURSE.

Ist Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch, and rythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of melody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

5th Term. Advanced methods. Practice teaching in the Public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music.

Choruses, Glee Clubs, sight singing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith Series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company. Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is largely observation work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.

TUITION.

	FALL 15 wks	WINTER 12 wks	SPRING 11 wks
Registration fee (required same as in College)			
Piano or Pipe Organ, Mr. Barrows	$29.00	$27.00	$19.00
Piano, Mr. Olive	26.10	24.30	17.10
Piano, Miss Heaton	14.50	13.50	9.50
Vocal, Mr. Henderson	29.00	27.00	19.00
Vocal, Miss Mac Fadon	20.30	18.90	13.30
Public School Methods, Miss Silliman	14.00	13.00	10.00
Violin or Cello, Mr. Harvey	20.30	18.90	13.30
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Musical History, Ear Training or Biography of Musicians	5.00	5.00	5.00
Piano rent, one hour a day per term	3.00	2.75	2.25
Pipe Organ Rent, Conservatory Organ	4.00	4.00	4.00
Pipe Organ Rent, Church Organ	5.00	5.00	5.00
Music Rent (req'd), each instrument or voice	1.50	1.50	1.50

Students are expected to take two lessons per week in each branch pursued.

By special arrangements being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Henderson	$1.25 per lesson
Of Mr. Olive	1.00 per lesson
Of Mr. Harvey or Miss Mac Fadon	.80 per lesson
Of Miss Heaton	.60 per lesson

DISCOUNT. A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advance.

The study of two instruments and two branches of musical theory, or one instrument and voice, and two branches of musical theory, constitute "full music work."

School of Business.

School of Business.

GENERAL PURPOSE. The School of Business of Simpson College furnishes instruction in all departments of business education.

REQUIREMENTS FOR ADMISSION. Those who enter on the business course should have completed the common branches. Students deficient in these studies may enter the normal classes where, in connection with the methods of teaching, reviews of the grade school studies are given. Grades from high schools will be accepted as in the departments of the college.

COLLEGE CREDIT FOR COMMERCIAL STUDIES. In connection with the regular course, students who are candidates for the degree of Bachelor of Arts may elect the work in the School of Business for which ten semester hours College credit will be given.

DIPLOMA COURSE OF THE SCHOOL OF BUSINESS. This course will consist of the work of the School of Business and in addition thereto, three full years work in an accredited high school, or in the Academy.

CERTIFICATE COURSE OF THE SCHOOL OF BUSINESS. This course consists of the work of the School of Business and the completion of the ordinary common school branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

THE BUSINESS COURSE. Rapid Calculation, Penmanship, Business Correspondence, Bookkeeping in all forms, both single and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, Elementary Composition, Elocution, Commerce and Transportation and Economics.

TIME REQUIRED. The length of time required to complete either of the above courses will of necessity depend upon the previous preparation and ability of the student. We frequently receive students who complete either of the above courses in one year, others will require a longer period to do the work and properly prepare themselves for a successful business career.

BUSINESS WRITING. Neat, legible and rapid handwriting is a matter of the first importance in a business education. It is often the final and decisive matter in obtaining employment. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for those desiring to devote themselves exclusively to penmanship, especially as teachers of the art. The pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

METHOD OF TEACHING BOOKKEEPING. The pupil is taught the principles of Bookkeeping through the medium of sets so arranged that he is able to advance without difficulty, He is instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book. A student can begin the subject at any time as he receives individual instruction in the work.

CORRESPONDENCE. Every Commercial student makes Letter-Writing a special study, as the most delicate and complicated transactions are often required to be adjusted by letter. The great amount of business transacted through correspondence shows the importance of this subject. The work is completed in one semester but is offered in both first and second semesters.

RAPID CALCULATION is one of the most important branches taught in a business course. Quick and accurate calculation is one of the qualifications usually set forth by an employer. Drill in rapid calculation, including addition, subtraction, interest and discount, multiplication, the use of aliquot parts, division, quick methods of handling fractions, etc., are given in order that the student may become proficient in both speed and accuracy. Course is completed in one semester. Offered in both first and second semesters.

COMMERCE AND TRANSPORTATION. This study deals with the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library. The subject is offered the first semester.

COMMERCIAL LAW. The law of Contracts and Negotiable paper, also the law governing Agencies, Partnership, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments, and Insurance. The subject is offered the second half of the first semester and again the first half of the second semester.

ELOCUTION. The aim of this course is to develop ease and naturalness in conversation and in public speaking. Faults in breathing, articulation, and pronunciation are corrected in the first semester. In the second semester, practice is gived in conversation and extemporoneous speaking. The course is required of all students who are not graduates of accredited High Schools. The class meets one hour per week throughout the year.

ECONOMICS. A brief course intended to give a general practical knowledge of the economic laws governing the production and distribution of wealth. Ely's Economics is used as a text. Offered the second semester, five hours a week.

ELEMENTARY COMPOSITION. This course is especially designed to give students thorough drill in the elements of spelling, grammar, and composition. Some attention will be given to letter-writing and to the general appreciation of good style. Offered during the second semester.

BUSINESS PRACTICE. Continues through the entire course. It connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practice. We have separate offices for a Wholesale House, a Bank, Commercial Exchange, and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms of the country.

THE COLLEGE NATIONAL BANK is conducted on the principles of the national and private institutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists of buying and selling goods at wholesale, keeping a set of books, attending to correspondence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house in the country.

TEXT BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES, The School of Business has many advantages over the ordinary business college which come from its connections with a first class literary and scientific institution. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business, These advantages are considerable and add to the element of general culture. The moral snrroundings of Indianola are unsurpassed, the expenses of living low and the tuition charged is less than in many places where similar training is offered.

WORK IN OTHER DEPARTMENTS. Students registered in the School of Business have the privilege of registering for not more than ten hours a semester (two full studies) in Normal School, Academy, or College without additional tuition.

TRAINING FOR COMMERCIAL TEACHERS. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character for her students. For several years there have been more applications for graduates to teach commercial branches than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such positions.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business receive the degree of Bachelor of Arts.

DIPLOMA COURSE. Those who complete the course in the School of Business and three full years work in accredited high schools, or have done equivalent work in other schools, receive a Diploma. (Diploma fee $3.)

CERTIFICATE COURSE. Those who complete the course in the School of Business and the common school branches, receive a Certificate of graduation. (Certificate fee $3.)

COLLEGE CREDIT. Students who have completed the Business

Course will receive credit for ten semester hours for this work in the College of Liberal Arts.

EXPENSES.

Tuition in School of Business, per semester	$25.00
Semester fee, per semester	6.00

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

The department of Shorthand and Typewriting is a part of the School of Business. The work and instruction is largely individual. Students are admitted at any time and are not compelled to wait for the formation of classes in order to begin their work.

TEXT-BOOKS. The "Gregg" System of Shorthand, which is rapidly becoming the leading system in America, will be used. "Rational Touch Typewriting," by the Gregg Pub. Co., is used for machine instruction. These books are among the best on the market and are so arranged that thoroughness and rapid advancement are both kept uppermost in the work. The present demand for teachers of the "Gregg" system, has led us to adopt these books.

Business Correspondence, Rapid Calculation and Spelling are a part of our course and are required of each pupil before he will be allowed to graduate. When the whole time is devoted to the work, it should be completed in six months time at the most by the person of average ability.

The typewriters in use in the department are the Underwood and Remington. They are kept in good condition and the student is impressed with the idea that accuracy is never to be sacrificed to speed. Touch Typewriting is taught exclusively.

ENTRANCE REQUIREMENTS. The applicant for instruction in this department must have completed the work of the eighth grade and be able to produce passing grades in all the common branches.

GRADUATION. The student will be recommended for graduation when able to write shorthand at the rate of one hundred words per minute for five consecutive minutes on new matter and re-read it; to operate the typewriter at the rate of forty words per minute from copy or dictation, and have grades of at least 85 per cent in Correspondence and Spelling. It is our plan to give the student a thorough training for the work that he will be expected to take in the business office or have to do in teaching.

EXPENSES. Tuition in Shorthand and Typewriting, including typewriter rent, per term of 9 weeks $15.00; per semester of 18 weeks $30.00.

Typewriting alone $1.00 a week.

COMBINED COURSES. Students who desire to add the work in Shorthand and Typewriting to the work of the College or School of Business will be charged one third the regular tuition for Shorthand in addition to the tuition in the College or School of Business. The semester fee is additional.

Summer School.

THE Summer Term of Simpson College begins the Monday after Commencement and continues for six weeks. The courses offered are given by the regular members of the College Faculty or by the Instructors. Every department offers summer work, The College, the Academy, School of Business, Conservatory of Music, and School of Education. The management of the Summer School is in the hands of a committee of the Faculty.

PURPOSE.

In arranging the work of the summer school, the following persons have been kept specially in mind. 1st. Teachers who wish to prepare themselves more effectively for their work, or who may wish to prepare for Teachers' Examinations. 2d. High School or Academy students who may wish to make up deficiencies enabling them to enter College. 3rd. College students who wish to bring up conditions or to secure extra work toward their graduation.

CREDITS.

The regular credit for full work in the Summer School is six semester hours. This permits the student to take either two, three hour courses, or three, two hour courses. More work than this may be undertaken only by permission of the Summer School Committee.

COURSES.

Courses in the following subjects will be offered in the Summer School.

Courses for Teachers in the Rural schools, Methods in practice of teaching. Special problems of the Rural school will be discussed. Courses in Methods of teaching Elementary subjects. Advanced work in Theory and Practice of teaching. College and Academy work will be offered in the other departments as usual. Special Summer School Bulletin giving full details in regard to all the courses offered is issued in April and will be mailed on request.

Register of Students.

COLLEGE ROSTER.

DEGREES CONFERRED AND DIPLOMAS GRANTED IN 1911.

DEGREES.

Doctor of Divinity.

Rev. Wade Crawford Barclay, B. D.	Chicago, Illinois
Rev. William Henry Shipman, A. M.	College Springs, Iowa

Bachelor of Arts.

Jesse W. Allen	Casey
Anna Helen Alspaugh	Pomona, California
Maide Baker	Indianola
Grace E. Beam	Indianola
Roy Russell Brourink	Blanchard
Agnes J. Browne	Indianola
John Clifton Carnes	Indianola
Howard W. Champlin	Chariton
Dessamond Clabaugh	Kamrar
John Ray Culver	Red Oak
Silas Loren Egly	Kellerton
P. R. Harshbarger	Cooper
S. Roy Holmes	Indianola
William Roy Jenks	Emerson
Martin H. Keast	Derby
Jesse E. Marshall	Indianola
Myrtle Ina Mercer	Prairie City
Morton L. Mitchell	Orillia
Mabel Eadith Pierce	Lewis
Lieut. Chas. A. Schimelfenig, U. S. A.	Indianola
Myrtle Schimelfenig	Indianola
Edward L. Stone	Indianola
Robert W. Swick	Rollo, Missouri
Helen Josephine Thompson	Indianola
Doris E. White	Indianola

Bachelor of Music.

Mildred Dilts	Indianola

DIPLOMAS AND CERTIFICATES.

ACADEMY.

Ruth Cooper	Conway
Mildred Dilts	Indianola
Rollo Trumbo	Indianola

Malcolm H. Winter	Truro

SCHOOL OF BUSINESS.

Diploma Course.

Alfred Bates	Wells, Minnesota
Eloise Burmeister	Indianola
Jessie M. Coffin	Indianola
G. C. Greenwalt	Indianola
W. Roy Jenks	Emerson
Lloyd McMillen	Indianola
Vinton P. Mercer	Poultney, Vermont

Certificate Course.

James J. Blain	Indianola
Arthur Brand	Indianola
Cora M. Curley	Indianola
John H. Dixon	Senaca, South Dakota
Roy K. Dowell	Indianola
Reba Giltner	Elliott
Mabel McBride	Pleasant Hill, Missouri
Walden Miller	Indianola
Harry H. Smith	Van Meter

Primary Methods.

Clara Wright (Diploma)	Indianola
Leila Werts (Certificate)	Russell

Supervisor of Public School Music.

Beulah Busby	Nevada

Piano.

Opal Waugh (Certificate)	Grant City, Missouri

Violin.

Bailey O. Wilson (Certificate)	Indianola

PRIZES AWARDED IN 1911.

Badley-Schee	Ada Whitney
West Oratorical	Fred Morley
Marsh Oratorical	Howard Champlin
Buxton Oratorical	Ruth J. Cooper
Buxton Scholarship	Marie Winslow

COLLEGE HONORS.

Silas L. Egly	Kellerton
Myrtle Schimelfenig	Indianola
Helen Thompson	Indianola

SPECIAL HONORS.

In Political Science.

Jesse E. Marshall....Indianola

ANNUAL HONORS.

Ralph Ainley
Grace E. Beam
Agnes J. Browne
Amy Crabbe
Silas L. Egly
Harold R. Foster
Edna Garnes
Frederica Harned
Irene Harvey
Hazel Healy
Himena Hoffman
Elmer Holmes
Hugh Jackson
Olga Jobes
Lois Karr
Anna Knudsen
Doris Lamb
Lottie Lauck
Cleo Leckliter
Ethel McGranahan
Floyd McGranahan
Dee Mallonee
Jesse E. Marshall
Leo B. Miller
Fred Morley
Ada Morris
Grace Moss
Howard Noble
Cora Pierce
Mabel Reynolds
Jessie Roadifer
Myrtle Schimelfenig
Genevieve Shaffer
Mary Shaw
Helen Thompson
Grace Van Vlack
Elizabeth Walker
Emma Walker
John Wingett

COLLEGE OF LIBERAL ARTS.

SENIORS.

(The completion of at least 85 semester hours of work required for classification as Senior.)

Aten, Wm. G	Underwood
Bardrick, Ada	Indianola
Beatty, Frank W	Ft. Dodge
Butler, Wm. P	Indianola
Carlin, Hattie M	Indianola
Collins, Robt. G	Clarinda
Currier, John Russell	Indianola
Dilts, Elbertine	Indianola
Dooley, Harry A	Atlantic
Dyke, Laurena	Indianola
Halden, Clara	Indianola
Harned, Frederica	Indianola
Hoffman, Himena	Lenox
Hoffman, Ivan	Redding
Holmes, Alice	Indianola
Holmes, Eva	Indianola
Hooker, Walter	Blanchard
Horn, Leona	Greenfield
Howser, Jessie	Indianola
Hunt, Marion	Indianola
Jackson, J. Hugh	Indianola
Job, Thesle T	Indianola

Jones, Jennie D	Stanberry, Missouri
Keast, Arthur P	Billings, Missouri
Knudsen, Anna	Indianola
Lawton, Geo. A	Ogden
Lippincott, Otus G	Alden, Kansas
Mac Fadon, Mildred	Emerson
McGranahan, Floyd	Indianola
Mallonee, L. Dee	Indianola
Mathews, Wm. H	Blanchard
Miller, Leo B	Indianola
Parkins, Leroy E	Knowlton
Pemble, Harold H	Indianola
Pierce, Cora A	Lewis
Piffer, John W	Indianola
Potter, Olive M	Griswold
Rusk, Edith F	Villisca
Saul, Oliver W	Denison
Sayre, Nellie M	Wick
*Shaffer, Genevieve	Casey
Slocum, Eugenia	Indianola
Smith, J. Truman	Council Bluffs
Soelberg, Chris. J	Bogsted Mark, Sidal, Denmark
Tennant, Mark R	Ellston
Tyler, Bertha M	Villisca
Walker, Elizabeth A	Paton
Whitney, Ada	Indianola
Wingett, John C	Osceola
Yockey, Mila	Watertown, South Dakota

*Deceased.

JUNIORS.

(The completion of at least 54 semester hours of work required for classification as Junior.)

Butler, Carl H	Indianola
Chase, Mabel	Indianola
Collins, Ira K	Clarinda
Condit, Ruth	Indianola
Coryell, Relta	Indianola
Dudley, John Merrill	Carroll
Dunn, Rex A	Milo
Foster, Harold R	Williams
Garnes, Edna	Bayard
Guthrie, Martha	Indianola
Hardin, Ray S	Indianola
Harned, Emma	Indianola
Hastie, Wilhma	Indianola
Hunsicker, Bernice	Indianola
Huston, Ralph	Russell
Jones, Oscar R	Holdredge, Nebraska
Karr, Lois	Indianola
Lauck, Lottie M	Indianola
Leckliter, Cleo M	Corning
McGranahan, C. Ethel	Indianola
Martin, Elbert C	Melrose
Mercer, Lucy	Prairie City
Miller, Carroll	Jefferson

Miller, Robt	Tingley
Morley, Fred S	Gravity
Morris, Ada	Carson
Moss, Grace	Ogden
Noble, Howard	Indianola
Osborn, Boyd V	Des Moines
Payton, Edith	Lincoln, Nebraska
Peasley, Alice	Indianola
Piffer, Anna	Indianola
Rink, Marguerite	Oakland
Rusk, Frank	Indianola
Samson, Eloise	Indianola
Sells, W. Arthur	Indianola
Shriver, Beulah	Indianola
Smith, Gladys M	Stuart
Snodgrass, Lenore K	Indianola
Tilton, Besse S	Indianola
Vollmar, Paul J	Indianola
Waechter, Hattie	Indianola
Walker, Emma S	Paton
Wayt, Jos. D	Indianola
White, Edith	Afton
Whitney, Helen	Indianola
Wilson, Helen	Hastings

SOPHOMORES.

(The completion of at least 23 semester hrs. of work required for classification as Sophomore.)

Anderson, Clarice	Perry
Anderson, Myron S	Indianola
Anderson, Stanley E	Indianola
Bardrick, Walter	Indianola
Blakeman, Letha	Norfolk, Nebraska
Boss, Ellen	Indianola
Butler, Lee W	Indianola
Cannom, Fern	Manilla
Corbin, Jay	Grant
Dudley, Warren S	Indianola
Dye, Luella	Macedonia
Goodsell, Nelson J	Lenox
Harding, Wm. G	Blair, Nebraska
Harvey, Irene	De Soto
Haseltine, Bernice	Grand Junction
Healy, Hazel M.	Bedford
Hestwood, Harl	Indianola
Holmes, Elmer M	Indianola
Kipp, Roscoe C	Elliott
Lamb, Doris G	Indianola
Loft, Edith Arena	Cherokee
McKay, Willlam R	Ogden
McMains, Erma Z	Derby
Manker, Orville P	Elliott
Maxwell, Vera	Indianola
Miller, Bessie L	Harlan
Moats, Francis I	Villisca
Moon, Nellie	Albia

Moore, Una Grace	Indianola
Morley, Ina	Gravity
Osler, Harriot D	Carson
Perley, Hazel	Indianola
Porterfield, Lois	Indianola
Potts, Lulu	Malvern
Reynolds, Grace	Villisca
Reynolds, Mabel	Villisca
Riggins, Marie	Indianola
Ruby, Ima L	Indianola
Saur, Theodore	Indianola
Schimelfenig, Katherine	Indianola
Shaw, Mary	Nevada
Smith, Francene	Winterset
Sones, Howard	Indianola
Starks, Mary	Mitchellville
Stephens, Hugh	Lenox
Stubbs, Walter	Riverton
Thompson, Mary	Indianola
Tyler, Henry	Villisca
Van Vlack, Grace	Cumberland
Watson, Besse	Aububon
Wycoff, Ethel	Corning
Wycoff, Ray	Corning

FRESHMEN.

Anderson, C. Ralph	Minburn
Archie, Jessie M	Corning
Bartow, Vera A	Boone
Bates, Ruth E	Indianola
Bennett, Sylvia E	Garden Grove
Betts, Adelbert	Cambridge
Blakeman, Merle	Norfolk, Nebraska
Boot, Rose Pearl	Dexter
Boothe, Geo. E	Indianola
Boyd, Elizabeth F	Glidden
Bradford, Mary	Milo
Brown, Leah	Harlan
Chamberlin, Jane Faye	Glenwood
Clark, Claud	Powell, Wyoming
Coffin, Jessie M	Indianola
Colburn, Jav C	Harlan
Cummings, Priscilla	Indianola
Currier, Harold P	Indianola
Cuthbertson, Duncan	Indianola
Cuthbertson, Hugh P	Indianola
Dexter, Walter F	Indianola
Dickey, John	Griswold
Dyke, John T	Indianola
Ensley, Chas. B	Chariton
Ensley, Geo. F	Chariton
Ervin, Paul G	Kellerton
Fett, Delbert	Clearfield
Fleck, Warren Leroy	Kirkman
Fox, Alberta	Winterset

Fouts, W. Ross	Riverton
Frye, Ermil B	Sheridan, Missouri
Gilliland, Josephine	Indianola
Grimes, Margaret	Derby
Graves, Nile A	Indianola
Hambleton, Sarah A	Ames
Helsley, Chas. W	Denison
Henderson, V. W	Indianola
Hill, Archie Roy	Villisca
Hollingsworth, Lena	Milo
Hoover, Ethel I	Indianola
Hughes, Martin C	Berwyn, Illinois
Hunnicutt, Hazel	Indianola
Hunt, Anna D	Indianola
Jackson, Chas. R	Kellerton
Jenkins, Maude	Russell
Job, Lester	Indianola
Kastner, Vada	Boone
Lundy, Hugh W	Indianola
McMillen, Lloyd	Indianola
Miller, Adeline P	Indianola
Miller, Joyce	Jefferson
Mitchell, D. R	Orillia
Mitchell, Ena L	Osceola
Moats, Ray P	Villisca
Murdoch, Chas	Indianola
Peck, Harold M	Indianola
Pote, Lelah E	Stuart
Price, Gladys	Indianola
Rice, Eva M	Indianola
Rimel, Geo. W	Malvern
Ruggles, Ethel E	Des Moines
Saul, Chas. J	Denison
Schrier, Edna M	Indianola
Slocum, Edwin L	Minburn
Spry, Margery M	Clarinda
Stone, Hurford	Indianola
Storey, Dorothy	Indianola
Stubbs, William E	Riverton
Sweeney, Elan R	Atlantic
Tallman, Gertrude	Underwood
Tennant, Lyda	Ellston
Thompson, Albert	Stuart
Townsend, Walter	Indianola
Tyler, Harry	Villisca
Tyler, Victor Hugh	Lenox
Vollmar, Grace	Indianola
Weeks, Dale	Indianola
Weldin, Cleo	Indianola
White, Owen V	Indianola
Willitts, Burr	Lenox
Wilson, Glenn	Clearfield
Winslow, Marie	Indianola
Youtz, Fletcher	Valley Junction

SPECIAL.

Butler, Roland	Eldora

Fintel, Edw. C	Des Moines
Gossard, Bessie	Indianola
Grigsby, Robert A	Indianola

ACADEMY.

FOURTH YEAR.

Blaylock, John	Grand Junction
Claytor, Paul	Indianola
Daft, Glenn	Griswold
Denney, Susie	Redding
Dool, Lawrence	Hancock
Dunn, Max S	Milo
Ellis, W. C	Rippey
Ervin, Gertie	Kellerton
Falls, Orr	Diagonal
Finley, Alice E	Red Oak
Harris, Edna E	Hancock
Harrison, Izola	Indianola
Hoffman, Florence	Redding
Lundy, Beatrice	Indianola
McKay, Lottie L	Ogden
Manley, Daisy	Milo
Mapes, Harold R	Hancock
Martin, Claude	Grand Junction
Martin, Vera	Hancock
May, J. A	Columbia
Naylor, D. O	Bagley
Newman, C. F	Northboro
Peterson, Fred M	Hastings
Rouze, Lloyd S	Pleasantville
Schofield, Vera M	Carson
Sheppard, Jenave	Mt. Ayr
Shoemaker, Ralph	Rippey
Shupe, Archie	Liberty Center
Simmers, John E	Indianola
Spencer, Goldie B	Mt. Ayr
Stevens, Ralph L	Hancock
Stewart, Emile	Diagonal
Ward, Rose E	Dallas Center
Wilson, C. Mabel	Columbia
Wilson, Faye	Hastings
Wolfe, E. A	Harper
Wright, June	Hastings
Young, J. W	Gravity

THIRD YEAR.

Eicher, Loraine	Indianola
Hanna, June S	Knoxville
Kern, Herman J	Norwalk
Miller, Emma	Redding
Miller, J. Worth	Lucas
Morris, Olive	Milo
Prall, Lola M	Carlisle
Trumbo, C. H	Indianola

Wright, Howard	Indianola

SECOND YEAR.

Bracewell, Alva	Allerton
Bullis, Harry	Council Bluffs
Cosand, A. R	East Peru
Curry, Grant	Grant
Day, Esther	Promise City
Foote, Leila D	Grant
Helzer, Myrtle	Graham, Missouri
Miller, Zela M	Grant
Morris, Sydney H	Commerce
Nelson, A. J	Council Bluffs
Nicholson, Grace	New Virginia
Shore, Bessie	Russell
Smith, Bettie C	Grant
Tow, Gertrude M	Primghar
Van Vlack, Vera	Cumberland
Vetter, Vesta	Grant

FIRST YEAR.

Cummins, A. L	Redfield
Haupert, Frank H	Jamaica
Henry, Arthur	Carlisle
Johnson, Albert Carl	Indianola
Kaessner, Carl G	Omaha, Nebraska
Loper, Lincoln L	Indianola
Miller, R. Olin	Lucas
Peacock, Walter L	Blockton
Smith, Earl E	Milo
Snyder, J. J	Ottumwa
Spencer, Gladys	Mt. Ayr

SCHOOL OF BUSINESS.

Aten, Wm. G	Underwood
Beatty, Frank W	Ft. Dodge
Boothe, Geo. E	Indianola
Browne. Agnes J	Indianola
Brown, Jas. H	Swan
Butcher, Eldon R	Indianola
Butler, Robt. W	Indianola
Campbell, Fred W	Ackworth
Clark, Claud	Powell, Wyoming
Collicott, Nellie	Norwalk
Cummings, Emerson B	Indianola
Curry, Grant	Grant
Dickey, John	Griswold
Dyken, Anna	Woodburn
Goodsell, Nelson	Lenox
Graham, Jas. Homer	Indianola
Graves, Nile A	Indianola
Grimes, Chas. H	Derby
Haworth, Geo. S	Indianola
Henry, Arthur	Carlisle

Hooker, Walter	Blanchard
Hooker, W. Russell	Hamilton, Missouri
Job, Lester	Indianola
Kipp, Roscoe	Elliott
Lauck, Leroy	Indianola
Loper, Lincoln L	Indianola
McAllister, Orville	Indianola
McBride, Mabel E	Pleasant Hill, Missouri
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Payton, Edna	Lincoln, Nebraska

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Ross, Florence	Little Rock
Ross, Miriam S	Afton
Rush, Olive G	Mt. Ayr
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Saul, Chas. J	Denison
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Smith, Mabel	Indianola
Spry, Margery	Clarinda
Swartslander, Guy	Indianola
Thompson, E. Aline	Greeley, Colorado
Thompson, Mary	Indianola
Ticknor, Ruby	Grand River
Van Vlack, Vera	Atlantic
Vollmar, Kathryn	Indianola
Walker, Elizabeth	Paton
Walker, Emma	Paton
Walker, Jennie V	Orient
Warren, Mellie B	Indianola
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White, Jaunita	Indianola
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Williams, Hazel	Indianola
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Wright, Ina Marie	Pleasantville
Wright, Florence	Keota
Wright, Pearl	Indianola

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Butler, Wm. P	Indianola
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Collins, Robt. G	Clarinda
Culver, J. Ray	Red Oak
Dyke, Laurena	Indianola
Gossard, Bessie	Indianola
Henderson, Virgil W	Indianola
Holmes, Eva	Indianola
Hooker, Walter	Blanchard
Keast, Arthur	Billings, Missouri
Keast, Martin	Billings, Missouri
Lippincott, Otus G	Alden, Kansas
McGranahan, Floyd	Indianola
Manker, Orville	Elliott
Mitchell, Morton L	Orillia
Moats, Francis	Villisca
Piffer, John W	Indianola
Potter, Olive M	Griswold
Raine, Edna	Denison
Samson, Eloise	Indianola
Sayre, Nellie	Wick
Shriver, Beulah	Indianola
Slocum, Eugenia	Indianola
Smith, J. Truman	Council Bluffs
Snodgrass, Lenore	Indianola
Soelberg, Chris	Bogsted Mark, Sidal, Denmark
Watson, Georgia	Indianola
Whitney, Ada	Indianola
Whitney, Helen	Indianola

ACADEMY.

Brourink, Roy R	Blanchard
Harrison, Mrs. Izola	Indianola
Haseltine, Bernice	Grand Junction
Jenner, Laura	Indianola
Lundy, Beatrice	Indianola
Lynch, Nina	South Auburn, Nebraska
May, Jas. A	Columbia
Murphy, Hallie	Liberty Center
Peck, Grace	Indianola
Storey, Dorothy	Indianola
Wilson, Mabel	Columbia

BUSINESS.

Brown, Chas. W	Indianola
Buckingham, Julia	Indianola
Dowell, Roy	Indianola
Giltner, Reba M	Elliott
Greenwalt, Gilbert	Indianola
Haworth, Lottie J	Scott, Kansas

Holmes, S. Roy	Indianola
Lacy, J. T	Indianola
McBride, Mabel E	Pleasant Hill, Missouri
Mercer, Vinton P	Poultney, Vermont
Nims, Arch D	Red Oak
Sells, W. Arthur	Indianola
Stone, Hurford	Indianola
Traub, Edith	Indianola

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Allison, Gladys M	Griswold
Allison, Golda	Griswold
Badgley, Oneida	Indianola
Beerbower, Marie	Norwalk
Blattenburg, Clare	Indianola
Butler, Nina	Indianola
Church, Bertha	Indianola
Davis, Hazel Bell	Indianola
Ellis, Hazel	
Graham, Chas	New Virginia
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Lillie, Alta	Indianola
McFerrin, Verna	Indianola
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Sutton, Mayme	Indianola
Thompson, Amber	New Virginia
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Wilson, Gertie	Lacona
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Wood, Anna E	Indianola
Woodruff, Sylvia	Wick
Zarley, Allie	Lacona

MUSIC.

Anderson, Helen	Indianola
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Bradshaw, Mary	Indianola
Currier, Florence	Indianola
Dudley, Harold	Indianola
Honnold, Junia	Indianola
Hunsicker, Dr. C. L	Indianola
Igo, Agatha	Indianola
Jewett, Helen	Indianola
Karr, Lois	Indianola
McBride, Carrie	Des Moines
McGuire, Ilo	Indianola
Mount, Frances	
Ruby, Ima L	Indianola

Samson, Mary	Indianola
Schimelfenig, Katherine	Indianola
Scroggs, Harriett	Indianola
Scroggs, Richard	Indianola
Storey, Dorothy	Indianola
Thompson, Mary	Indianola
Tibbitts, Mrs. Mary	

Summary.

COLLEGE OF LIBERAL ARTS.

Seniors	50	
Juniors	47	
Sophomores	52	
Freshmen	83	
Special	4	236

ACADEMY.

Fourth Year	38	
Third Year	9	
Second Year	16	
First Year	11	74

School of Business	61
School of Music	154
Normal	17
Summer School 1911	104
Grand Total	646
Counted More Than Once	113
Net Total	533

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1912/13

Fourteenth Series QUARTERLY BULLETIN Number 4

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OF

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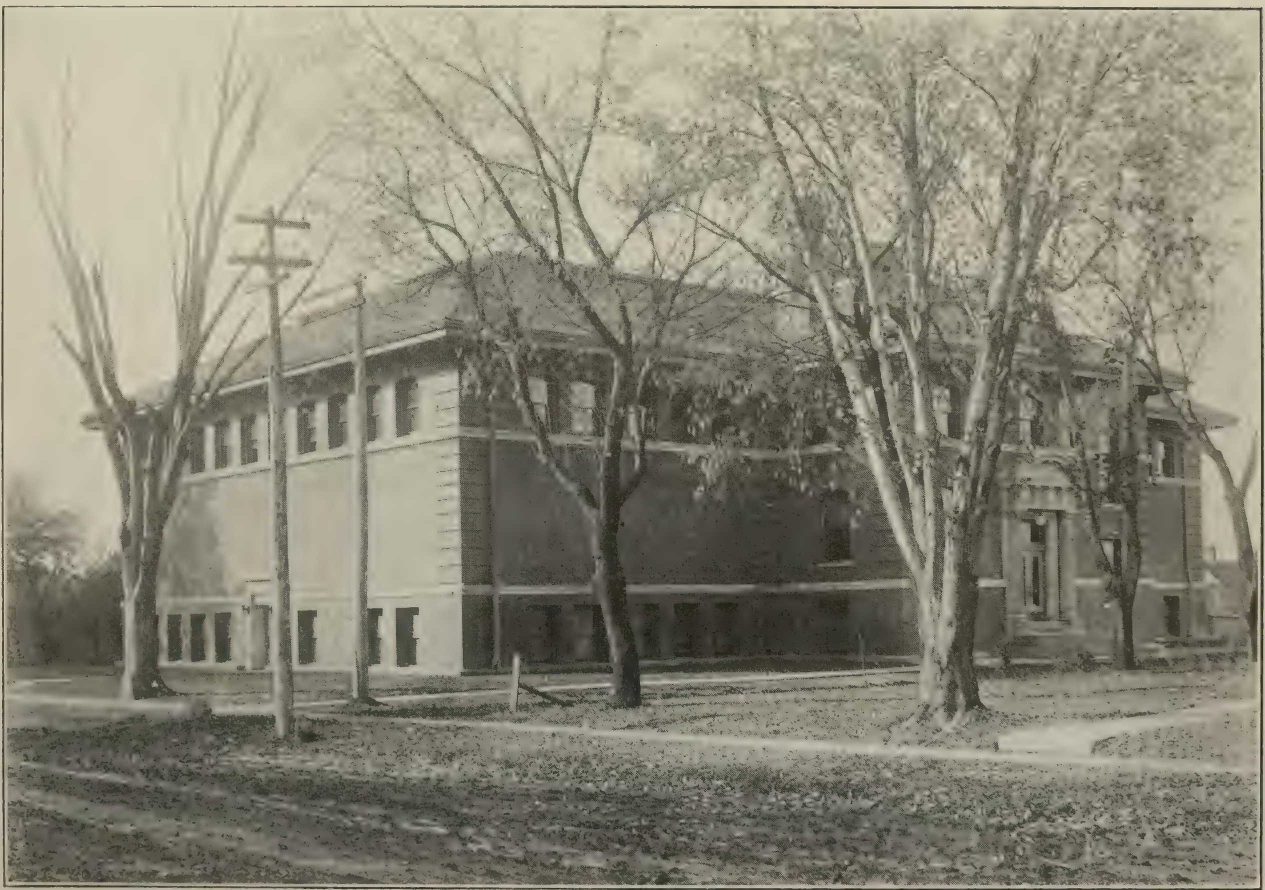

HOPPER GYMNASIUM--SIMPSON COLLEGE

QUARTERLY BULLETIN

OF SIMPSON COLLEGE

Series 14 MARCH, 1913 No. 4

Published by the College in the months of November, January, March and May of the college year. Entered at the Post Office at Indianola, Iowa, as second-class matter.

The Catalogue

1913-1914

1. *COLLEGE OF LIBERAL ARTS*
2. *ACADEMY*
3. *CONSERVATORY OF MUSIC*
4. *SCHOOL OF BUSINESS*
5. *NORMAL COURSES*

INDIANOLA, IOWA

Calendar of College Events

1913-1914

March	20.	Thursday, 4:25 P. M., Easter Recess begins.
March	25.	Tuesday, 8:00 A. M., Easter Recess ends.
May	30.	Decoration Day.
June	8.	Sunday, 10:30 A. M., Baccalaureate Sermon.
June	8.	Sunday, 4:00 P. M., College Vesper Service.
June	10.	Class Day.
June	11.	Alumni Day.
June	12.	Forty-sixth Annual Commencement.
June	16.	Monday, Summer School begins.
July	25.	Friday, Summer School ends.
Sept.	15.	Monday, 10:00 A. M., Registration begins.
Sept.	16.	Tuesday, 9:00 A. M., Registration continues.
Sept.	16.	Tuesday, 8:00 P. M., Fall Convocation.
Sept.	17.	Wednesday, 8:00 A. M., Classes begin.
Oct.	23.	Thursday, College Missionary Day.
Nov.	26.	Wednesday, 4:25 P. M., Thanksgiving Recess begins.
Dec.	12.	Tuesday, 8:00 A. M., Thanksgiving Recess ends.
Dec.	19.	Friday, 4:25 P. M., Holiday Recess begins.

1914

Jan.	6.	Tuesday, 8:00 A. M., Holiday Recess ends.
Jan.	29.	Thursday, 4:25 P. M., First Semester ends.
Feb.	2.	Monday, Registration.
Feb.	2.	Monday, 8:00 P. M., Winter Convocation.
Feb.	3.	Tuesday, 8:00 A. M., Recitations begin.
Feb.	12.	Thursday, Day of Prayer for Colleges.
April	9.	Thursday, 4:25 P. M., Easter Recess begins.
April	14.	Tuesday, 8:00 A. M., Easter Recess ends.
May	30.	Decoration Day.
June	7.	Sunday, 10:30 A. M., Baccalaureate Sermon.
June	7.	Sunday, 4:00 P. M., College Vesper Service.
June	9.	Class Day.
June	10.	Alumni Day.
June	11.	Forty-seventh Annual Commencement.

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(Arranged in the order of seniority except President and Vice-President)

FRANCIS L. STRICKLAND, Ph. D., D. D.

President, and Professor of Biblical Literature and Philosophy of Religion.

A. B. New York University, 1893.
S. T. B., Boston University School of Theology, 1896.
Graduate Student Boston University, 1896-97.
Graduate Student Berlin University, 1897-98 on the Jacob Sleeper Fellowship, of Boston University.
Ph. D., Boston University, 1904.
D. D., Baker University, 1911.
West Girard Avenue.

W. M. DUDLEY, D. D.

Vice President and Financial Agent.

B. S., Iowa State College, 1882.
S. T. B., Garrett Biblical Institute, 1886.
D. D., Garrett Biblical Institute, 1912.
508 *North B Street.*

W. E. HAMILTON, A. M., D. D.

Professor of Philosophy (Emeritus)

JOHN L. TILTON, A. M., Ph. D.

Professor of Geology and Physics.

A. B., Wesleyan University, Middletown, Conn., 1885.
Graduate Student and Assistant, 1886-8.
A. M., 1888. Six summer courses at Harvard and elsewhere. Graduate student in Geology, Harvard University, 1894-5.
A. M., Ibid, 1895. Fellow in Geology at the University of Chicago, 1902-3.
Ph. D. 1910. Professor at Simpson College 1888, present.
405 *North B Street*

JOANNA BAKER, A. M.

Professor of Greek Language and Literature, Associate Professor of Latin.

A. B., Cornell College, 1882.
A. M., DePauw University, 1889.
A. M., University of Chicago, 1903.
411 *North B Street*

E. L. MILLER, B. C. S.

Principal of School of Business

B. C. S., Tri-State Normal School.
210 *West Iowa Avenue*

FRANK E. BARROWS.

Director of Conservatory of Music. Instructor in Piano, Pipe Organ and History of Music

Graduate Oberlin Conservatory of Music.
Student of Music, Berlin, Germany.
301 *North Howard Street*

MARY O. HUNTING, A. M.

G. E. Carpenter Professor of Latin Language and Literature. (Chair endowed by Mr. and Mrs. Harry E. Hopper)

A. B., Alma College, 1893.
A. M., University of Michigan, 1902.
508 *North A Street*

EDWIN A. JENNER, A. M.

Professor of Biology.

B. S., Simpson College, 1903.
Graduate Student University of Iowa, 1904-05.
Fellow in University of Wisconsin, 1906-07.
A. M., University of Wisconsin, 1907.
Corner Detroit and North C Street

J. ALLEN BAKER, M. S.

Professor of Chemistry.

B. S., Denison University, 1907.
M. S., Ibid, 1908.
1001 *North B Street*

HILDEGARDE JEND, A. M.

Professor of German Language and Literature.

A. B., German Wallace College.
A. M., University of Michigan.

DUDLEY D. GRIFFITH, A. B.

Professor of English Literature.

A. B., Simpson College, 1903.
Graduate Student University of Chicago, Summer Sessions, 1910-11-12.
500 *North A Street*

CLYDE W. EMMONS, A. M.

Professor of Mathematics and Astronomy.

A. B., Albion College.
A. M., University of Illinois.
1009 *North B Street*

SAMUEL H. DODSON, A. M.

Professor of History and Political Science.

A. B., Syracuse University.
A. M., Ibid.
Graduate Student Yale University.
Fellow Clarke University, Mass.

JOHN P. MORLEY, S. T. B., A. M., PH. D.

Wm. Buxton Professor of Philosophy.

(Chair endowed by Wm. Buxton.)

A. B., Simpson College, 1893.
A. M., Simpson College, 1895.
S. T. B., Garrett Biblical Institute, 1895.
Graduate Student Harvard University, 1900-01.
Ph. D., Boston University, 1902.

West Ashland.

ALLEN M. RUGGLES, A. M.

Professor of Education and Principal of Academy.

A. B., University of Wisconsin, 1906.
Graduate Student, Ibid, 1906-07.
Graduate Student Columbia University, 1909-11.
A. M., Columbia University, 1911.

808 *North B Street*

KATHRYN MACLAGGAN, A. B.

Professor of French Language and Literature.

A. B., Bucknell University, 1906.
Crandon Hall, Rome, 1908-10.
Teacher of French Beaver College, 1910-11.
Graduate Student University of Chicago, 1910-12, Summer Sessions.

GRACE HAYWARD, A. M.

Assistant Professor of English Literature.

A. B., University of Kansas, 1905.
A. M., Ibid, 1907.
A. M., Columbia University, 1911.

LEVI P. GOODWIN.

Professor of English and Public Speaking.

A. B., Albion College, 1910.

MRS. ELIZABETH MARTIN, A. B.

Dean of Women.

HAROLD IDDINGS,

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Director of Physical Culture for Women.

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JOSEPHINE McCLEARY, A. M.

Instructor in German.

East Third Street.

CARRIE VAN GILDER

Instructor in Normal Methods.

GRACE BEAM, A. B.
Instructor in Mathematics.

CHESTER J. ROBERTS, A. B.
Instructor in Physics and Mechanical Drawing.

Lawrence College, 1912.

ANTOINETTE B. STRICKLAND.
Instructor in Drawing.

Graduate John Crouse College of Fine Arts of Syracuse University.

W. A. LARIMER.
Instructor in Stenography and Typewriting.

EVERETT OLIVE, Mus. B.
Instructor in Piano and Harmony.

Simpson College Conservatory of Music, and Berlin, Germany.

EFFIE SILLIMAN.
Instructor in Public School Music and Normal Methods in Music.

PERSIS HEATON, Mus. B.
Instructor in Piano.

HERBERT A. HARVEY.
Instructor in Violin.

Graduate Adolph Hahn School of Violin Playing, Cincinnati, O.

ELLIS G. RHODES.
Instructor in Voice Culture.

Student of Voice in Berlin, and under Breda, Milan, Italy.

OTHER OFFICERS.

THEODOSIA HAMILTON, A. B.
College Librarian.

Simpson College, Graduate Western Reserve University Library School.

MAIDE BAKER, A. B.
Assistant Librarian.

Simpson College.

NELLIE E. HARRIS, Mus. B.
Secretary of the Conservatory.

Simpson College.

OTUS G. LIPPINCOTT.
Secretary to the President.

Historical Sketch

SIMPSON COLLEGE is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the citizens of the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened it "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. Of the original board of trustees, Dr. J. D. McCleary, of Indianola, and Rev. E. H. Winans, of Los Angeles, are the only surviving members. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. A small depression marks the place. The campus included one block about one-fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fall of 1866, by which time the seminary had shown a vigorous growth and the need of a college became apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president and gave the new institution the name of "Simpson Centenary College," in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyally stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow but it was substantial.

President Berry died in February, 1880. In the spring of the same year, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next president was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inaugurating a period of growth and expansion. Dr. Hamilton resigned to enter the ministry in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1893, when he desired to return to the ministry, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton in June, 1910, Francis L. Strickland was elected.

The growth of the college during recent years is attested by the fact that half of her 550 alumni graduated during the presidency of Dr.

Shelton. The last three years have witnessed the greatest advance in material things of any period in the history of the college. During this time the productive endowment has been raised from $76,000 to $223,000. A fine gymnasium costing $95,000 has been added to the equipment, through the splendid generosity of Mr. Harry Hopper. The faculty has been enlarged by the addition of four new chairs. The Library also has been augmented by the addition of about four thousand volumes, mostly new.

General Information

LOCATION.

SIMPSON COLLEGE is located at Indianola, Warren county, Iowa. The town has about 4,000 inhabitants. There are modern improvements such as waterworks and electric power plant, and sewerage system. Indianola has had no saloons for many years, as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Island railroad make it easy of access from the Capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS.

The campus comprises about ten acres, a part of it wooded with venerable maples. There are seven buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms, and the halls of the literary societies. The Science hall accommodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college office, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory. The Hopper gymnasium is on North C street and faces the campus. The building of the Conservatory of Music stands at the northeast corner of the campus. The College maintains its own water system, independent of the city of Indianola. These buildings are connected by cement walks and the campus is well lighted by electroliers.

THE LIBRARY.

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It provides a reading room, alcoves, stack rooms and a small auditorium, known as Oratory Hall. The library contains nine thousand volumes carefully selected with reference to college work. The books are classified according to the most approved library methods.

A large number of the best periodicals are regularly received.

The library is open from 8 A. M. to 9 P. M.

THE MUSEUM.

There is a small museum containing the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representng all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region and ferns from India.

THE BIOLOGICAL LABORATORY.

The biological laboratory is provided with water, gas, and electric lights. There are forty compound microscopes, and the various other instruments, reagents, and staining fluids needed for individual work. There is a set of Harvard physiological apparatus, a Minot's microtome suitable for the finest work, water baths, incubators and sterilizers. In addition to the collections in the museum cases there are special collections of illustrative material for student study, microscope slides, both botanical and histological, lantern slides, charts and a departmental library.

THE EARTH SCIENCES.

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographical maps, including a set of seven duplicates of the maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer, barometer, barograph, therograph, thermometers, a twenty-four inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photographic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustrations before the classes,

whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is needed for his work. A side room between the laboratory and the lecture room contains the departmental library and three fine chemical balances.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage batter, the other a smaller outfit (375 watt) with a set of accessories for work with both direct and alternating currents. The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, Heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurements in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: A fine balance, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reimann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Western wattmeter, millivoltmeter, voltmeters and ammeters; Leed and Northup earth inductor and ballistic galvanometer; tangent and astatic galvanometers, testing set, induction coils, millihenry standard, X-ray outfit, camera, projection lanterns, spectrometer, microscope with accessories for the polarization of light.

THE GYMNASIUM.

The new Gymnasium, the gift of Mr. and Mrs. Harry E. Hopper, is one of the most modern and complete buildings of its kind in the Middle West. It was built last year at a cost, including equipment, of $95,000. The length is 120 feet and the width 106 feet, and three stories high.

On the first, or basement floor are located the Men's locker rooms with capacity for 400 steel lockers. There are twelve shower baths conveniently arranged. The bath rooms and toilet rooms are finished in white marble and tile.

In the East part of the building are the Women's locker rooms with capacity for 300. There are nine baths around each of which are grouped lockers and dressing rooms. An admirable arrangement of these affords both convenience and complete privacy. The equipments of the men and of the women are separated by a solid brick wall and there is no access from one part of the basement to the other except from the outside. Besides this there is a separate equipment of lockers, baths, etc., for the visiting teams. Conveniently arranged are sweat room, store rooms for suits and a steam drying apparatus. A notable feature on this floor is the indoor practice room, with a length of 117 feet, a width of 19 feet, a ceiling of 25 feet. The floor is of dirt. This room is for various practice work such as broad and high jumping, pole vaulting, and pitching.

On the Main floor is the Exercise Room, 117x70 feet. There is ample room on the floor for a large basketball court 50x90 or two practice courts placed transversely 40x56. On this floor are offices for the Physical Directors. On the Gallery floor is the Running Track, 18 laps to the mile. This track is built on the most approved modern curves and finished with a heavy cork floor. Part of the Gallery may be used as a balcony to accommodate spectators. On this floor are the trophy room, the janitor's office and a large club room.

The equipment of lockers, etc., were furnished by the Narragansett Machine Company, and are the best made.

This fine gymnasium adds greatly to the attractiveness of the Physical Culture and to the strength of Simpson's Athletics. It is a splendid monument to the loyalty and liberality of one of Simpson's most honored sons.

ATHLETICS.

Simpson College gives every encouragement to clean athletics. We insist that our men shall be gentlemen in the contests, and show the high-grade sportsman-like spirit in all athletic activities. Athletics is not a business at Simpson. It is a sport—enjoyed for its own sake and the physical benefits derived from it.

Every registered student is a member of the Athletic Association. The athletic field has a fifth-mile track, baseball field and tennis courts.

Two hours a week will be required of all students in physical culture, for which one semester hour's college credit for the year will be given.

THE AIM OF THE COLLEGE.

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly and professedly Christian. The college was founded by men who loved the Christian faith and its work is being carried on by those who believe that education means not only mental training but the culture of Christian character.

While not a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE.

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained.

The work in English Bible is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President or some visiting speaker on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7 to 8 the College Prayer Service is held. These meetings are led by the President or some one appointed by him, and are well attended.

During the year a week of special services is held, and the Day of Prayer for colleges is observed. These meetings have been the means of deepening the religious life of many.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible and Mission Study classes.

The students of the college are made very welcome in the church life at Indianola. Every student is expected to be regular in attendance upon the services of the Church of his or her choice.

GOVERNMENT OF THE COLLEGE.

The college administration seeks to develop in the student the principles of self-government. We ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college or who shirks and loafs may not stay with us.

There is a College Council which takes care of all minor matters of discipline. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Con-

servatory. The President and a member of the faculty are members. Meetings are held about once a month, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched but fully trusted at examinations. At the close, each signs a statement pledging the word of honor that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the honor system are reported to the College Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS.

There are seven Literary Societies, five in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are of college rank, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are of college rank, and meets every Friday evening.

The Alpian Society, organized in 1891, is composed of women who are of college rank, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are of college rank, and meets every Friday evening.

The Crescent Literary Society, organized in 1911, is composed of women who are of college rank, and meets every Friday afternoon.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies. Their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS.

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the student body.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of November, January, March and May. The third number each year is the annual catalogue.

The Zenith is the College Annual. It is published by the Junior class and appears each year on the first of May.

PUBLIC LECTURES.

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W. C. A. lecture course brings the best talent of the country before the students each year.

The course for the year 1912-13 has been as follows:

LECTURE COURSE.

The following have appeared during the year.
Dr. Spencer of Grinnell College, lecture.
Maude Powell, violin recital.
The Aidas, college lecture course.
The Dunbars, college lecture course.
Ernest Piatt, college lecture course.
Prof. Nutting, of State University of Iowa, lecture.
Professors Rhodes and Olive, concert.
Prof. Erwein, Iowa State College, lecture.
Kathryn Ridgeway, college lecture course.
Rogers and Grilley, entertainment.
Profs. Olive and Lansbury, lecture, piano recital.
Lloyd Douglas, Y. M. C. A. addresses.
James S. Beebe, college sermons and addresses.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject of literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schee Prize. These are marked on a scale of one hundred for thought, one hundred for composition, and fifty for delivery.

The Oratorical Prizes, the gift of Rev. Victor West, of Adel, $25.00 (first prize $15, second prize $10) in gold, are awarded to members of the college who shall write and deliver the best English orations. The maximum limit of these orations is two thousand words. Each undergraduate literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock P. M. on the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

The Marsh Prize, consisting of a gold medal, is awarded to the winner in the Home Oratorical Contest each year. This prize is given by Mr. John Horsley, of the class of 1909.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society winning the series of inter-society debates arranged between the five collegiate literary societies.

THE HONOR SYSTEM.

At the close of each semester each instructor of college classes may report to the Registrar the names of honor students as follows: One student from each class having from one to thirty students enrolled, two from each class having from thirty-one to fifty students, three from each class having from fifty-one to seventy, and so on. The term class shall be construed to include all sections of any course. College students making up academy work shall not be reported for honors in that work.

The report from the commercial department and the Conservatory of Music shall be made at the end of the scholastic year and shall be based upon the number of college students who complete the courses for which credit toward the A. B. degree is given.

At the close of the year, the Registrar shall make a list of the ten students who rank highest in honor-hours. In case of a tie for tenth place, the faculty shall decide the tie. No student shall be considered for honors unless he is reported as an honor student from more than one class. The list arranged alphabetically shall be announced at the Commencement exercises and published in the college catalogue.

Those members of the graduating class whose names appear upon the honor list their senior year and have appeared upon honor lists at least two other years, shall be awarded suitable honor emblems at the time of graduation.

DEPARTMENTAL HONORS.

Any person wishing to receive departmental honors, must secure the consent of head of the department in which he has taken his major to prepare a thesis. The subject of this thesis must be selected and the consent of faculty secured by December 1st preceding the date of proposed graduation.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete in a satisfactory manner the required number of semester hours of college work.

The Degree of Bachelor of Music is conferred on those who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the departments should be made to the President at least three months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

WOMEN'S DORMITORY.

Mary Berry Hall, the women's dormitory, is a substantial brick building with well ventilated rooms, lighted by electricity, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the Hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, etc. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent is due when possession is taken and is $18 per semester. This includes heat and light.

It is the settled policy of the College to furnish good meals at cost. During the current year a charge of $3.25 per week has been found necessary.

Citizens of Indianola who rent rooms to students are required to send each month a written report in prescribed form to the President answering questions in regard to the observance of College regulations on the part of the students in their homes. The renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS.

If you arrive in September on the day before the opening of the semester or the first day of the semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will be at your service. In the absence of such representatives come at once to the college offices, and there you can receive directions and such help as you need.

The evening trains arrive just at supper time. Come immediately to the College boarding hall, where temporary arrangements can be made for your comfort.

All the College buildings are upon the campus, located one block directly west of the Rock Island station, and two blocks west of the C., B. & Q. station.

REGISTRATION.

New students should register at the earliest opportunity. Before registration each student must see the Committee on Entrance. Grade sheets from high school, and other credentials should be presented. The Committee will advise as to classification and what studies should be included in registration for the first semester.

Sophomores who have not yet selected their major must be advised by the President before they register. Those who have selected their group (Sophomores and Juniors) must have been advised by the professor of their major study before they will be permitted to register. Tuition and fees are payable at time of registration.

EXPENSES.

Tuition in College, per semester	$26.00
Normal course, per semester	20.00
Academy, per semester	20.00
School of Business, per semester	30.00
Shorthand and Typewriting, per semester	35.00
Gymnasium fee, per semester	2.00
Semester fee, per semester	5.00

This last fee includes the registration fee, athletic fee, and the lecture and debate fees.

The semester fee is required of every student who registers in any department of the college. The only exceptions are (1) pupils from the schools of Indianola who may wish to take special courses in any department of the College; (2) persons resident in Indianola who may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc. (3) Students registering six weeks or less before the close of a semester. The fee for such remaining portion of the semester shall be one-half of the usual fee.

The tuition in the Conservatory varies with the character of the work taken and the instructions. Rates will be found on another page.

Laboratory fees are as follows:

COLLEGE.

Physics II, III and IV., per semester	$3.00
Chemistry I, per semester	4.00
Chemistry II, per semester	4.50

Chemistry III, per semester	6.00
Chemistry IV, per semester	6.00
Chemistry V, per semester hour	1.50
Mineralogy (second semester)	3.00
Zoology, per semester	3.00
Botany, per semester	3.00
Mammalian Anatomy	3.00
Embryology and Histology	3.00
Bacteriology	4.00
Advanced Physiology, per semester	1.00
Surveying	1.00
Free Hand or Normal Drawing, per semester	1.50

There is no fee for Mechanical Drawing to students majoring in Mathematics, Physics, or Pre-Engineering Group. Others pay a fee of $1.50 per semester.

ACADEMY.

Elementary Physics, per semester	$1.50
Elementary Botany, per semester	1.50

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision has been made for their payment in the immediate future. Students whose bills remain unpaid at the expiration of the time for which special arrangement was granted them, will be suspended from classes and all absences so resulting shall be unexcused. Bills may be paid by semester or term; the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or has two or more unexcused absences from recitations or lectures, .50.

2. When a student asks for an examination in a subject during a semester subsequent to that in which the subject was taken in class, $1.00.

Refund of Tuition is granted only when a student is compelled to leave college on account of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are twenty-six endowed scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college on the twentieth day of August preceding the opening of the College in the fall the President may fill the scholarship. The scholarships are as follows:

Only those scholarships the principal of which is fully paid in have been recorded here.

The Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The Hoffman Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Hollenbeck Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

The Lydia Marie Hollenbeck Scholarship, founded by the above parties.

The McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The Robbins Scholarship, founded by J. D. Robbins, of Malvern, Iowa.

The Bagley Scholarship, founded by the Simpson Club of the Bagley M. E. Church.

The Shaw Scholarship, founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by B. F. Clayton, Indianola, Iowa.

The Buffington Scholarship, founded by F. M. and Sarah Buffington, Glenwood, Iowa.

The Barker-Berry Scholarship, founded by W. H. Berry and wife, Indianola, Iowa.

The Snyder Scholarship, founded by Mr. and Mrs. Wm. Snyder, of Farragut, Iowa.

The Dinsmore-Austin Memorial Scholarship, founded by Mrs. D. Austin, of Jefferson, Iowa.

The Sayre Scholarship, founded by W. E. Sayre, Indianola, Iowa.

The Fletcher Brown Family Scholarship, founded by Rev. Fletcher Brown and family, Indianola, Iowa.

The Helen Dudley Memorial, half-scholarship, founded by Mr. and Mrs. W. M. Dudley, Indianola, Iowa.

The Frances Sheppard Scholarships, (six scholarships) founded by Mrs. Mary Frances Sheppard, Indianola, Iowa.

The Burns Scholarship, founded by M. C. G. Burns, Milo, Iowa.

The Perkins Scholarship, founded by S. H. Perkins, of Cambria, Iowa.

The Cain Scholarship, founded by Edward Cain, of Des Moines.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school within the bounds of the Des Moines Conference, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal. (The honor graduate is that student who has the best record for scholarship.)

In case the honor graduate does not make use of the scholarship, the second in standing may be nominated by the Superintendent or Principal. The honor graduate may use the scholarship a year subsequent to his or her graduation from high school, but not later than a year; and that only when the scholarship has not been granted for that year to the second in standing.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year.

(c) Each charge in the Des Moines Conference is entitled to send a new student, who shall be entitled to half tuition in the Academy, College or Normal Courses for one year. The student should present one of the regular scholarship blanks properly filled out and signed by the pastor of the Church of which the student is a member. This scholarship privilege can be granted only to those churches in the conference which have raised their apportionment for the Educational Collection for the current conference year.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Indianola it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate, for so many things must be taken into consideration. The personal make-up of the student will govern here. But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the institution. The extravagant standards of some colleges are not in vogue or favor with us. A large number of students are working their way through college and earning a portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Yet it ought to be said that a student should have resources enough before attempting a college course, to provide at least for half of the first year. For it may require a little time to find suitable work.

Board at the College Hall is $3.25 per week. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room. $1.50 and $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks.

Tuition for year	$40.00 to $52.00
Semester fees and Gymnasium	13.00
Room rent (average)	$40.00 to 45.00
Board	108.00
Books and incidentals	20.00
Total	$220.00 to $238.00

SELF HELP.

The above figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in the homes or business houses of the town. There are many ways in which it is possible for students to earn a considerable portion of their college expenses. The College maintains an employment agency. The President's secretary is the manager of this agency, and his service to students is without charge. If interested, send for the circular of the College Employment Bureau.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund. From these funds loans are granted students under certain conditions, which may be learned on inquiry at the President's office.

The Southard fund places a certain sum in the hands of the President to assist young men in studying for the ministry. Loan grants from these funds are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal and moral obligation.

College of Liberal Arts

Requirements for Admission to the College of Liberal Arts

SATISFACTORY evidence of good moral character will be required of all who seek admission. Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificate of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age.

Good work during the first year of College is insisted upon as a requirement for maintaining class standing. Those who fail to do satisfactory work to the extent of at least 23 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS.

For unconditional admission to the Freshman class 15 preparatory units are required from the following list of subjects:

	Credit in Units		
English*	3	Mathematics	2½-4
Greek	1 or 2	Drawing	½
Latin	2 or 4	Botany	1
German	1 or 2	Chemistry	1
French	1 or 2	Physics	1
History	2	Physical Geography	1
Civics	½	Zoology	1
Economics	½	Physiology	½
		†Note.	

From the above list the following, totaling 10½ units, are required of all:

Mathematics	2½	History	1
Language other than English	3	Science	1
English	3		

**An additional unit in English may be offered and will be accepted when approved by the head of the English department.*

†Note: *A "Unit" of credit means a subject pursued for four or five periods a week, during a school year of at least thirty-six weeks—each period being not less than 45 minutes.*

The remaining 4½ units may be offered from the above list. Those who offer only 14 units may be admitted as Freshman but conditioned upon the deficiency, one academic unit being made good by the beginning of the Sophomore year or the student will fail to be advanced with his or her class. Any student who reaches the Sophomore year, delinquent in any academy study is to make up this work at once by special examinations, or enter classes in such subject or subjects. Those who present less than 14 units for admission will be classified in the Academy until they have met the standard.

EXPLANATION OF THE UNITS.

ENGLISH.

Three Units.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writing, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English.

College Entrance Requirements in English for 1913-1914-1915. Required for study and practice.

STUDY.

Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; either Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; either Macauley's Life of Johnson or Carlyle's Essay on Burns.

READING.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units[1] are to be selected, two from each group:

I. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's Merchant of Venice, Midsummer Night's Dream, As You Like It, Twelfth Night, Henry the Fifth, Julius Caesar.

III. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Quentin Durward; Hawthorne's House of the Seven Gables; either Dicken's David Copperfield, or Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskill's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

IV. Bunyan's Pilgrim's Progress, Part I; the Sir Roger de Coverley Papers in the Spectator; Franklin's Autobiograph (condensed); Irving's Sketch Book; Macauley's Essays on Lord Clive and Warren Hastings; Thackeray's English Humourists; Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden, or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey.

V. Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lady of the Lakes; Byron's Childe Harold, Canto IV, and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish and Whittier's Snow-Bound; Macaulay's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How they Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.

MATHEMATICS.

Two and One-half Units.

Two and one-half units are required of all who seek unconditional admission to the Freshman class.

1 Algebra—through Arithmetical and Geometrical Progression . . . . 1½ Units

2 Plane Geometry . . . . 1 Unit
3 Solid Geometry . . . . ½ Unit
4 Plane Trigonometry . . . . ½ Unit
5 Spherical Trigonometry . . . . ½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progression.

LANGUAGE REQUIREMENTS.

Three Units.

LATIN.

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text . . . . 1 Unit

II. Caesar's Gallic Wars, first four books, or an equivalent in Nepos. The equivalent of at least one period a week in Latin prose composition based on the text read . . . . 1 Unit.

III. Six Orations of Cicero; prose composition . . . . 1 Unit.

IV. Virgil, first six books of the Aeneid . . . . 1 Unit.

GERMAN.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson . . . . 1 Unit.

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronunciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; some ability to speak and understand the language . . . . 1 Unit.

FRENCH.

I. Careful drill in pronunciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read. . . . 1 Unit.

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biographical sketches with constant practice in pronunciation, writing French from dictation, and drill upon rudiments of grammar . . 1 Unit.

HISTORY.

One Unit Required.

Any one of the following courses in History may be presented for an entrance unit.

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.
2. Mediaeval and modern European history, from the death of Charlemagne to the present time.
3. English history.
4. American history, or American history and civil government.

SCIENCE.

One Unit Required.

The entire unit must be in one science; botany, chemistry, physics, physical geography, zoology. To be accepted a complete text on the subject must have been studied in full, accompanied by laboratory or field work so arranged as to illustrate all parts of the text, on which laboratory or field work a careful note book record was prepared as the work progressed.

ACCEPTANCE OF GRADES.

The above requirements for admission are essentially those outlined by the North Central Association of Colleges and Secondary Schools. Records (grades) from schools on the accredited list of that association, and from standard colleges, are accepted without further inquiry; records (grades) from other institutions must be presented to the head of the department concerned for his approval before such records can be filed in the college office as accepted. Where note books are specified they must be presented together with the certificate of standing. This applies especially to laboratory and field note books in science. In case of doubt as to the extent and character of the work accomplished each student is entitled to an examination that may prove his proficiency in the subject.

The Course of Study

THE curriculum of a modern college should be arranged so that three classes of students are well considered: 1. Those looking toward the professions. 2. Those expecting to teach. 3. Those whose college course is to afford them general preparation for life in broad culture and training.

There is no better foundation for the special training needed for law, medicine, the ministry, and the various branches of engineering than a good college course. A young man is unfortunate who tries to prepare for these professions without college training. The mastering of the work in a good medical college or law school is far too serious a matter for any student except those who have tried and tempered their minds and have won in part at least their mental independence. For the prospective engineer or chemist the college can do much. All the foundation work such as mathematics, physics, modern languages, mechanical drawing the student may take here at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years. Christian culture and character are of the highest importance to every student whether he is to be a farmer, a minister, or a bridge builder.

While the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary to-day in effective college education.

Ths is arranged for in the Group System. Thus for example the group containing Physics as a major study makes an admirable preparation for mechanical engineering; while the Geology-Chemistry group fits the needs of one who may look to mining engineering. The Political Science-History group leads naturally to Law; while the Biology group leads to medicine or agriculture and Philosophy-Sociology or Philosophy-Science group gives an excellent approach to the study of modern theology. In the college and normal course, excellent training is offered for those who look to the profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, German, French, Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology, Physiography, Geology, Mineralogy, English Language, English Literature, History, Economics, Sociology, Drawing, Education, Public Speaking, Commercial Science, Shorthand, Musical History and Theory, English Bible, Philosophy,

Psychology, and Ethics. These courses are in advance of the work done in the same subjects in the ordinary high school, and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction. *One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 124 semester hours are required for graduation, of which three are in Physical Culture.*

The following work is required of all who are candidates for the degree:

COURSES REQUIRED OF ALL STUDENTS.

English (English I and II and Literature I and II)	**10 semester hours**
English Bible	**4 semester hours**
History	**6 semester hours**
Foreign Language	**8 semester hours**
Psychology	**6 semester hours**
Science (One year of Biology, Chemistry, Earth Science, or Physics)	**8 semester hours**
Trigonometry	**3 semester hours**
Physical Culture	**3 semester hours**
Public Speaking	**2 semester hours**
Total	**50 semester hours**

The physical culture is required. Two periods a week in gymnasium works counts as ½ semester hour.

THE GROUP SYSTEM.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised personally as to studies which had better be included in the first year's work.

During the Sophomore year, the students in the College will be asked to indicate the the direction of their subsequent studies. This will be done by choosing one of the groups of studies.

The professor whose subject stands at the head of the group chosen now becomes the student's advisor for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major study and those electives which in the judgment of the advisor will make a well rounded and useful course. It will be noted that the fundamental principle in our Course of study is to fit the Course to the Student, not the Student to the Course. Throughout the course each student is guided and advised individually and personally, by some member of the Faculty.

The number of semester hours devoted to the major study varies, but may not be less than 16 in the two years. Specific information in regard to the major requirements appears in the paragraphs which set forth in detail the work of the various departments.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

MAJOR GROUPS.

(The figures after each study indicate the number of semester hours required.)

I.

English.

English	28
Language	14
English History	6
Philosophy of Thought and Language (Logic)	2
English Bible	4
Psychology	6
A Science	8
Trigonometry	3
Public Speaking	2
Physical Culture	3
Elective	48
	124

II.

History.

History	26
English	10
English Bible	4
Modern Language	8
Economics	6
Philosophy of Thought and Language (Logic)	2
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	45
	124

III.

Mathematics.

Mathematics	26
Physics	8
Astronomy	4
English	10
English Bible	4
History	6
Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	47
	124

IV.

Philosophy.

Philosophy	18
Biology I	8
Economics or Sociology	6
Geology I	4
English	10
English Bible	4
History	6
Foreign Language	8
Psychology	6
Trigonometry	3
Public Speaking	2
Physical Culture	3
Elective	46
	124

V.

Latin.

Latin	22
Greek and Roman History	4
English	10
English Bible	4
History	6
Greek or other Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	48
	124

VI.

Greek.

Greek*	26
Latin or Modern Language	8
Greek and Roman History	4
History	6
English	10
English Bible	4
Psychology	6
A Science	8
Trigonometry	3
Public Speaking	2
Physical Culture	3
Elective	44
	124

*Eight hours of Elementary Greek prerequisite to enter this group.

VII.

German.

German in addition to German I	22
English	16
Foreign Language (other than major)	8
Sociology	6
English Bible	4
History	6
Physical Culture	3
Psychology	3
Public Speaking	2
Science	8
Trigonometry	3
Elective	40
	124

VIII.

French.

French	26
Latin, Greek or German	10
History	12
English	16
English Bible	4
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	34
	124

IX.

Chemistry.

Chemistry	22
Biology or Physics	8
Crystallography and Mineralogy	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	40
	124

X.

**Biology.*

Biology	18
Seminar Course, (Thesis req'd)	2
Chemistry	8
Meteorology or Geology	3-4
Palaeontology	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	42
	124

*Those who are to study Medicine should elect Chem. II-IV and Physics II-III.

XI.

Earth Sciences.

Earth Sciences	18
Chemistry	8
Biology	8
Physics	9
Astronomy	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Trigonometry	3
Elective	27
	124

*Enough to complete three years; two of German and one of French.

XII.

Physics.

Physics	20
Mathematics	6
Chemistry	8
Mechanical Drawing	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	39
	124

*Enough to complete three years; two of German and one of French.

XIII.

Pre-Engineering.

Mathematics	22
Physics	16
Mechanical Drawing	4
Physics IV or Mathematics	4
Chemistry	14
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	17
	124

*Enough to complete three years; two of German and one of French.

Those who are to become Civil Engineers advise with Prof. Emmons. Those who are to become Mechanical or Electrical Engineers advise with Dr. Tilton.

XIV.

Music.

Musical Theory (Harmony, etc.)	16
History of Music	6
Musical Literature (Instrument or Voice)	4
Education I	6
Modern Language	16
English	16
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
A Science	8
Trigonometry	3
Elective	28
	124

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 50 semester hours; 2d, the major, 18 to 26 hours; 3d, the electives, which are selected and arranged under the guidance of the student's advisor, enough to make a total of 124.

Academy students are allowed to take as many as twenty hours of academy work on advice of the Principal of the Academy.

No Freshman is allowed to take more than sixteen hours besides

Physical Culture. No other student is allowed to take more than sixteen hours besides Physical Culture, except by permission of the Faculty. Blank applications for extra hours may be obtained from the college office, but the approval of the advisor is necessary before the Faculty will consider the request.

In general, students will not be allowed to take extra hours, who, during the previous semester, have received a grade below M in any course, and who have more hours graded M than S or E.

STATE TEACHERS' CERTIFICATES.

Graduates of Simpson College who complete six semester hours of Psychology and fourteen hours in Science of Education, as a part of their College course, will receive from the State Board of Educational Examiners the Five Year Teachers' Certificate for the State of Iowa.

This certificate will be given, without examination, because Simpson is an accredited college. Students who expect to teach should not fail to elect sufficient work in the Department of Education to entitle them to this privilege. Those completing the Five Semester Normal Course will receive the Two Year State Certificate.

RECOMMENDATION OF TEACHERS.

A Faculty Committee on Recommendations has been organized to aid adequately prepared students and graduates of the College to secure positions as teachers. This Committee will gladly be of service to school boards and Superintendents who desire to receive such recommendations.

Those who expect to teach in High Schools should be prepared in one or two subjects besides the major, to meet the conditions in the smaller high schools. The following combinations are frequently demanded: English and History; English and German; German and Science; Latin and German; Latin and English; Mathematics and Science; Science and Physical Training.

Departments of Instruction

BIOLOGY.

Professor Jenner.

I. ZOOLOGY. This course is designed to give the student a general survey of the whole subject of zoology. Beginning with the lowest animals, the structures of typical forms from each phylum are studied in the laboratory with special reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. The lectures and quizzes are given at the conclusion of the laboratory work on each group. The library furnishes opportunity for the student to acquaint himself with other types than those studied in the laboratory. The first semester is devoted to the study of the invertebrates beginning with the Protozoa. During the second semester a study is made of the vertebrates beginning with an ascidian.

Either semester may be elected, but the subject must be pursued throughout the year to satisfy the general science requirement.

Open to all students.

Required of all students majoring in Biology, Earth Sciences, or History, and may be taken to satisfy the science requirement in other groups.

Throughout the year, four hours.

II. BOTANY. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desirable, but not required as a pre-requisite.

Open to all college students.

First semester, three hours.

III. BOTANY. A brief survey beginning with the lowest plants and proceeding to the higher, in which typical forms of each division of the plant kingdom are studied. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Open to all college students.

Second semester, three hours.

IV. BACTERIOLOGY. The work of this course consists of laboratory work supplemented by lectures and assigned readings. The object is to give the student a knowledge of the role played by bacteria in the life of other plants and animals, and to acquaint him with the methods used in their study. Some of the topics discussed are: the purification of drinking water; the removal of contamination from streams and lakes; sewage disposal for cities, towns, and dwellings; the enrichment of soil through the agency of bacteria; bacteria in the industries; bacteria as the cause of disease; sanitation.

The laboratory work consists of the study of a few types representative of the larger groups of bacteria. Special attention is given to the study of B. coli on account of the importance of this organism in the examination of drinking water. Each student will be required to work on some practical problem, such as the bacterial content of a measured quantity of air or water.

Open to students who have had Botany or Zoology.

First semester, three hours.

V. EMBRYOLOGY AND HISTOLOGY. A study of the cell is followed by a study of the typical tissues. The student is required to prepare his own material in so far as that is possible. He learns how to kill, fix, embed, cut and stain tissues for microscopic study. After he has studied the tissues as such, a study is made of the origin and development of the different organs from the blastodermic layers of the embryo, and their structure in the adult. Prepared series of the chick and pig embryos are available for study. Students are required to embody the results of their laboratory and library work in papers which are handed in from time to time for criticism.

Open to all students who have had Course I or Course VII.

Second semester, three hours.

VI. MAMMALIAN ANATOMY. This course consists largely of individual work on the skeleton, muscles, and various organs of the cat or dog. Drawings are made as the work progresses, and the student is expected to record his observations in a note book which is submitted for approval at the end of the semester.

There are no prerequisites for registration in this course except that the student is expected to have an interest in the subject.

First semester two hours.

VII. PHYSIOLOGY AND HYGIENE. This course will be made very elementary and adapted to those who have had no previous training in Biology. The object is to give the student a general knowledge of the functions of the body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, laboratory experiments, and demonstrations from dissections of some of the lower animals. The course will be of special value to those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work.

Open to all College students and to Academy students who have had Elementary Physiology.

Throughout the year. When laboratory work requires, students are expected to remain until the work is finished. Consult before registering. Three hours weekly.

When elected as a college subject it is expected that the student will remain in the class for the whole year.

VIII. SEMINAR. Some of the current biological problems are studied. Opportunity will be offered in this course for advanced individual work along the lines of original investigation of some local biological problem. The results of such work are to be written up in the form of a thesis.

Open to all students who have had sufficient training to do the work. Time to be arranged. Credit to be determined by amount of work done.

Required of seniors who are majoring in Biology. Throughout the year, Saturday from 8:00 to 10:00. Credit two hours.

CHEMISTRY.

Professor J. Allen Baker.

Dale Weeks and M. H. Stephens, Laboratory Ass'ts.

It is the aim of this department to meet the needs of two classes of students: Those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance in everyday life. Its value as a purely educational factor should be kept in view. For training in habits of exactness, for gaining helpful insight into the methods of evidence, Chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the course logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Students majoring in Chemistry must take Chem. I and II. In addition to this they must take either Chem. III or Chem. IV. Thesis work may be arranged with a maximum credit of 4 hours, but it is not required.

CHEMISTRY I A. GENERAL CHEMISTRY. The recitation periods are devoted to discussions of chemical theories and quizzes on the experimental work. Wherever possible the practical application of chemistry is brought before the mind of the student. Many chemical problems are worked during the year. The laboratory work throughout the year parallels the text book work.

Opon to all the young men of the college.

Throughout the year, four hours.

CHEMISTRY I B. GENERAL CHEMISTRY. The course in elementary Chemistry has been divided into two parts because it is felt that it is better in every way to give young women a line of work not identical with that given to the young men. However it is with no intention of weakening the course or of presenting to the young women merely the "pyrotechnics" of chemistry that the differentiation is made. The fundamental principles so necessary to any strong course in chemistry are presented and emphasized. This, the backbone of the science, however, is to be clothed and made a living thing by the inclusion of material snatched fresh from the world of common experience. It is not the intention to make this a course in domestic science, though throughout the course and especially during the second semester emphasis is laid upon phases of the science relating to the household and daily life. Laboratory work will parallel the text book work throughout the year.

Open to any of the young women of the college.

Throughout the year, four hours.

CHEMISTRY II. QUALITATIVE ANALYSIS. This is primarily a laboratory course, although lectures and quizzes will be given as may seem necessary. Much attention will be given to equation writing and the rules which govern it. The work on the metals, taken in the latter part of Chemistry I, will be supplemented by special preliminary reactions which are used especially to identify the various elements. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same manner. In both basic and acidic analyses as many unknowns as practicable will be worked out. Unknowns involving both basic and acidic radicals are also worked. Finally alloys, ores, and more complex substances will be analyzed as time permits. Chemistry I, prerequisite.

Throughout the year, three hours.

CHEMISTRY III. QUANTITATIVE ANALYSIS. This course is largely a laboratory course. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. One hour per week throughout the year will be devoted to Chemical Arithmetic. A thorough drill will be given in the fundamental chemical calculations. This course will alternate with Chemistry IV. Offered in 1914-15. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY IV. ORGANIC CHEMISTRY. The course includes a study of the theory of organic compounds, together with the making of various organic preparations. The course will alternate with Chemistry III. Offered in 1913-14. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged as there is a demand for it.

THE EARTH SCIENCES.

Professor Tilton.

Students intending to major in this department are advised to take Chemistry I in the freshman year, and Zoology I and courses I and II in the Department of Earth Sciences in the sophomore year.

I. PHYSIOGRAPHY OF LAND FORMS. The various processes operative in developing the topography of the earth's surface are studied critically, following Salisbury's Physiography, advanced course, accompanied by the study of topographic maps and illustrative lantern slides, and by field trips. Various library references add further to the appreciation of scenery which the course develops, and to a knowledge of the physical conditions under which people live in the various parts of the earth.

Open to all undergraduates.

First semester, three hours.

II. METEOROLOGY. The course opens with observational work requiring the use of various meteorological instruments, the preparation of a government monthly report, and the expression of data by diagrams. The various elements of weather and climate are next studied in detail following Salisbury's Physiography, advanced course, supplemented by individual study based on government maps. The study of climate is further extended by library work to include climatic conditions in various parts of the world, and the effect of climate on plant and animal life.

Open to all undergraduates.

Second semester, three hours.

III. CRYSTALLOGRAPHY. The treatment of this subject includes both the study of crystalline form from models and specimens, and to a limited extent the use of the petrographical microscope in ascertaining the optical characteristics of minerals belonging to the different systems.

First semester, two hours.

IV. DETERMINATIVE MINERALOGY. The larger part of the course is given to the identification of as many of the chief minerals as time permits. These are properly numbered, labeled and catalogued; they become the property of the student. The course closes with a study of the minerals in the college collection with reference to classification and use.

Pre-requisite, General Chemistry (I).

Second semester, two hours.

V. GENERAL GEOLOGY. The course begins with a study of local geology as found in a series of field excursions so planned as to develop from critical study a knowledge of conditions in southwestern Iowa and of processes now in operation. From the knowledge thus gained the class proceeds to the general principles of Structural and Dynamic Geology; and then, in Historical Geology, to the facts bearing on the prominent theories concerning the origin of the earth, and to the evolution of the continents and life in past ages. The presentation is designed to be consistent with Christian faith and to afford that knowledge of the past which should be the property of all well educated people.

Open to all Seniors and Juniors.
First semester, four hours.

VI. ADVANCED GEOLOGY. This course supplements the general work in course V. Each member of the class is given an opportunity to pursue as extended and critical study in any line of the work as his previous training and his time permit. The class is conducted either on the seminar plan or by individual conferences, dependent on the subject chosen for study. The following are some of the courses open:

(a) Geologic Structure, study based on the Folios of the U. S. Geologic Atlas.

(b) Economic Geology, a study of the geological occurrence and distribution of the various metallic and non-metallic minerals, and of the use that is made of the products. The text used is Riess' Economic Geology.

(c) The Geology of Iowa, based on the reports of the Iowa Geological Survey.

(d) Microscopic study of Rocks and Rock-forming Minerals. (Crystallography and Mineralogy are pre-requisites.)

(e) Advanced Physiography, based on library study.

(f) Theories of Geology, based on library study.

(g) The Geological History of Vertebrates. (This is a two-hour course.)

An extension of any one of these courses affords opportunity for the preparation of a report (or for a thesis). While the courses are regularly four-hour courses, arrangements may be made for more or less hours, as may suit individual need.

Second semester, four hours.

VII. INVERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Invertebrates from the study of Zoology, the distribution in time of the various Sub-kingdoms is considered in order, and the variations which have taken place in each group. The presentation is from the biological side, but the groundwork is laid for the study of the use of fossils in determining the age of strata, and for the study of faunas. The course will supplement both Invertebrate Zoology (I) and General Geology (V).

Pre-requisite, Zoology.
First semester, two hours.

VIII. VERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Vertebrates from the study of Zoology, the general facts of each Class are first reviewed; then the distribution in time of the various Classes is considered and the variations which have taken place in each Class. Finally the present distribution of animals and the bearing of past life upon present distribution are considered.

This course will supplement Vertebrate Zoology (I), Mammalian Anatomy and General Geology (V).

Second semester, two hours.

EDUCATION.

Professor Ruggles.

I. HOW TO STUDY. This course is designed to help the student in establishing correct habits of study, and in gaining a more intelligent understanding of the learning process. It is recommended that this course be taken as early in the student's college course as possible.

First semester, two hours.
Repeated the second semester.

II A. PRINCIPLES OF TEACHING. A practical course in the teaching process. In this course the students are led to discover the principles of biology, psychology, and sociology as they operate in determining the results of the teaching process. Its aim is to familiarize the students with the methods of approach in applying the principles of the above named sciences to the problems of teaching. Practical and concrete application of the principles is emphasized. The students analyze the various types of lesson as the drill lesson, the study lesson, inductive and deductive lessons, review lesson, etc., with a view to determining the value and place of each in the school.

First semester, three hours.

II B. THE PSYCHOLOGY OF CHILDHOOD. This is a course in applied psychology. It is designed to give a thorough and sympathetic understanding of child nature and development. A systematic study is made of mental and physical growth during the periods of childhood and adolescence. The varying physical, intellectual and social needs of the individual are studied from the standpoint of the latest scientific observations. The students are guided in the intelligent criticism of current theories in the field of child-study.

Open to Sophomores, Juniors and Seniors who have had Psychology or Education IIa.

Second semester, three hours.

III. HISTORY OF EDUCATION. This course is designed to give the student a knowledge of the great movements in education from the earliest times to the present. It aims to show the educational development as a vital and integral part of general progress and social development. Among others the following topics are discussed: Primitive education, Chinese, Hebrew, Greek, and Roman education; influence of Christianity upon education; monasticism, scholasticism, humanism. Students are required to become familiar with original source material in so far as possible.

Monroe's "Text-book in the History of Education" is used as a text in this course.

Open to Juniors and Seniors.

Throughout year, two hours.

IV A. PRINCIPLES OF SECONDARY EDUCATION. A course dealing with the organization, management and teaching in the high school. The following topics will be discussed. The needs of the pupil of high school age; the place of the high school in the larger scheme of education; the curriculum and its organization; the value of the various studies; discipline and the social life of the high school. It is the aim to make this course of a high degree of practical value.

Open to Seniors only.

First semester, three hours.

IV B. SOCIAL ASPECTS OF EDUCATION. In this course education is considered in its broadest sense and the school is considered as a social institution. The students are led to discover the real meaning of the school to the social and economic life of the community and various ways in which the school may serve society are discussed.

Open to seniors only.

Second semester, three hours.

V. SEMINAR. In this course current problems in education are studied and discussed. Students are guided in the performance of a definite piece of work or investigation in the field of education, the results of which are written up in the form of a thesis and toward the end of the year presented to the advanced classes in education.

Open to Seniors.

Throughout the year. Time to be arranged.

ENGLISH LANGUAGE AND LITERATURE.

Professor Griffith, Professor Goodwin and Associate-Professor Hayward.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to an appreciation of good literature by a study of selected masterpieces.

Those who wish to major in English should study English I and II, Literature I, II, V, and VI and ten hours of other work in the department. These ten hours should be selected in accordance with some plan and should include some courses in nineteenth century literature and one of the courses in advanced composition. English III, IV, or V, Public Speaking IV, or V, or the homiletic seminar may be counted as advanced composition.

ENGLISH LANGUAGE.

ENGLISH I. ENGLISH COMPOSITION. A study of the principles of composition in which the student develops his command of English by both prepared and extemporaneous themes. Special attention is given to exposition, methods in taking notes, and argumentation. Required of freshmen in all courses.

First semester, two hours.

ENGLISH II. ENGLISH COMPOSITION. A continuation of English I with special attention to description, narration, and the oration. Required of all freshmen in all courses.

Second semester, two hours.

ENGLISH III. EXPOSITORY WRITING. This course is designed for those who are looking toward technical courses and for others who feel the need of additional training in accurate and forceful writing. Prerequisite is English I.

First semester, two hours.

ENGLISH IV. RHETORIC OF JOURNALISM. An elementary course for those interested in a study of journalistic style.

Second semester, two hours. Prerequisite is English I.

ENGLISH V. THE SHORT STORY. A study of the technique of the short story with continual practice in writing. Prerequisite is English II.

First semester, three hours.

ENGLISH LITERATURE.

LITERATURE I. BEOWULF TO MILTON. In this course, special attention is given to the relation of English literature to the intellectual development of the English people. Required of all students and to be taken later than the freshman year unless the student has a special aptitude for English studies.

First semester, three hours.

LITERATURE II. DRYDEN TO TENNYSON. A continuation of Literature I, with special attention to the literary development of the nineteenth century. Required of all students.

Second semester, three hours.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people. The prerequisite is Literature I.

Second semester, three hours.

LITERATURE V. PRE-SHAKSPEREAN DRAMA. A study of the development of the English drama from the earliest time to the time of Shakspere with careful attention to dramatic technique. Three or four of the early plays of Shakspere are studied and compared with the works of other dramatists of the period. Literature I and II are prerequisites. Those majoring in English should enter this course in the sophomore year.

First semester, three hours.

LITERATURE VI. SHAKSPERE. A study of the plays of Shakspere from class lectures and collateral readings. Literature V is a prerequisite.

Second semester, three hours.

LITERATURE VIII. ENGLISH LITERATURE, 1798-1832. A study of the Romantic movement both in poetry and prose. Open to Seniors and Juniors who have studied Literature II.

First semester, four hours.

LITERATURE IX. ENGLISH LITERATURE, 1832-1900. A study of the Victorian Age in poetry and prose. Open to Seniors and Juniors who have passed Literature II.

Second semester, four hours.

LITERATURE XI. MILTON AND THE EPIC. A study of the English poems of John Milton with special attention to the epic as a literary form. Literature I is a prerequisite.

First semester, two hours.

LITERATURE XV. THE ENGLISH NOVEL. A study of the novel since the time of Richardson with special attention to the works of the nineteenth century. Open to Juniors and Seniors who have passed Literature II.

Throughout the year, two hours.

LITERATURE XX. This course is primarily arranged for those who intend to teach English in the high school. The work includes a survey of the literary periods, a study of the literary types, and a critical analysis of some of the work required for college entrance, with special emphasis upon methods of presentation in the class room. This course is open to Seniors who have majored in English and to others who secure the consent of the instructor. It is desired that those who are to be recommended as teachers of English enter this course.

FRENCH.

Professor McLaggan.

I. ELEMENTARY FRENCH. Conversational method. Grammar memorizing of French phrases and idioms. Sight reading, simple dictation. Daily drill in conversation and pronunciation.

Texts—Frazer and Squaires French Grammar, Legoure's and Labiche's "La Cigale Ches les fourmis," Merimee's "Columba," Sand's "La Petite Fadette."

Throughout the year, four hours.

II. INTERMEDIATE FRENCH. Grammar, special attention paid to verbs and idiomatic expressions, Composition, Dictation, Advanced drill in conversation, dialogues and short plays.

Private reading of two French novels and reviews of same.

Texts—Frazer and Squaires French Grammar II. Hugo's "Quatre Vingt Freize," Chauteaubriand's "Atala," Hugo's "Hermani," Balzac's "Pere Goriot," Rostand's "L'Aiglon," Hennequin's Lessons in Idiomatic French, Contes de Maupassant, Contes de Daudet, Coppees "Le Pater."

Throughout the year, four hours.

III. ADVANCED COURSE. Rapid reading of plays, poems, and prose of Classic French Literature, Lectures and themes, Translating English into French. Discussions and reviews of books being studied.

Texts—Corneill's "Le Cid," Racine's "Athalie," Moliere's "Le Misanthrope," Voltaire's "Zadiz," Canfield's French Lyrics, Beaumarchai's "Le Barbiere de Seville" and Letters, Lesage's "Gil Blas," selections from poetry and comedies of Musset, Hugo's "Les Miserables."

Throughout the year, three hours.

IV. MODERN FRENCH. Study of Modern French novels and plays, taking as a basis Pellessier's "Le Mouvement Litteraire au XIX Siecle," Knapp's Modern French readings. Maupassant's Contes Choisis. Augier and Sandeau's "Le Gendre de M. Poirier," Rostand's "Cyrano de Bergerac" and "Chanticler." St. Beuve's "Les Cruserie du Lundi." Balzac's Eugene Grandet, Hugo's "Notre-Dame de Paris."

Throughout the year, three hours.

V. FRENCH LITERATURE AND SOCIETY OF THE 17TH CENTURY. Reading from great dramatists and prose writers.

Texts—Crane's "La Societe Francaise au 17o Siecle," Warner's Prose Writers of the 17th Century. Boileau's "Les Heros de Roman," La Fontaine Fifty Fables, Letters of Madam de Sevlane, Pages choises des Memoirs du Duc de St. Simon.

Open to those who have completed Course III.

Time to be arranged, three hours.

GERMAN.

Professor Jend.

The aim of this department is to give the student a knowledge of the language, literature and customs of Germany. Emphasis is placed on conversation and every effort is made to help the student acquire ease in reading and understanding the language.

I. ELEMENTARY. B. J. Vos "Essentials of German" used as a basis for grammatical exercises. The course aims to give the student thorough training in the fundamentals of grammar, to accustom his ear to short German sentences and to enable him to read simple prose.

Texts—Mueller und Wenkelbach "Gluck Auf," Bacon's "Im Vaterland," "Altes und Neues," Storm's "Immensee."

Throughout year, two hours.

II. ADVANCED GRAMMAR AND COMPOSITION. Reading and writing of short stories and essays. German is used in the class room.

Texts—Schiller's "Wilhelm Tell," Wildenbruch's "Das edle Blut," "Neid," Goethe's "Hermann und Dorothea," Fouque "Undine," Freytag "Die Journalisten."

Prerequisite Course I.
Throughout the year, four hours.

III. GERMAN CLASSICS. Study of German Classics. The writing of German essays and simple stories is continued. The study of German Literature from the Nibelungen lied to Young Germany is taken.

Texts—Schiller's Wallenstein's "Tod," Goethe's "Egmont," Lessing, "Nathan der Weise." A short German novel read outside of class and reports given.

Prerequisite Course I and II.
Throughout the year, four hours.

IV. MODERN GERMAN. This course consists of the study of modern plays with the social and political conditions.

Texts—The works of Hauptman, Sudermann, Wildenbruch. Second semester devoted to Goethe's "Faust," Part I.

Prerequisite courses I, II, III.
Throughout the year, two hours. Not given 1913-14.

V. SEMINAR. The seminar for 1913-14 will study the development of the novel after Goethe. Leading novelists and their works will be taken up.

Throughout the year, time to be arranged, two hours.

VI. METHODS. Historical grammar, also review of the principles of grammar, phonetics, and a study of several first and second year texts.

Prerequisite Courses I, II, III.
Throughout the year, one hour. Not given 1913-14.

VII. SCIENTIFIC GERMAN AND CONVERSATION. The first semester will be devoted to reading Scientific German. The second semester to Conversation, based upon simple German texts.

Open to students who have had I and II.

Throughout the year, two hours.

GREEK.

Professor Baker.

I and II. ELEMENTARY GREEK. These courses are provided for those who do not offer Greek for entrance. They consist of the elements of the language as usually taught. Connected passages from Xenophon's Anabasis are introduced within the first few weeks of the course. A portion of the first book of the Anabasis is read at the close of the second semester.

First and second semesters, four hours.

III. XENOPHON'S ANABASIS AND GREEK COMPOSITION. Two books are read. Exercises in writing Greek accompany the daily reading. Some oral practice in Greek is also given. Collateral reading on the topics connected with the text is required.

First semester, four hours.

IV. LUKE'S GOSPEL. Particular attention is paid to the acquisition of the vocabulary necessary for the further study of the New Testament. Oral composition accompanies the work.

Second semester, four hours.

V. PLATO. Selections. Collateral readings.

First semester, two hours.

VI. HERODOTUS. BOOK VI AND SELECTIONS. Portions of the sixth book of the history are chosen relating to and including the battle of Marathon. Other portions are chosen to illustrate the art of Herodotus as a story teller. Collateral reading is suggested suited to the historical portion.

Second semester, four hours.

VII. SOPHOCLES. ANTIGONE. Scenic antiquities and the history of the drama are the collateral topics.

First semester, three hours.

VIII. THE NEW TESTAMENT. Paul's Letter to the Romans.

Second semester, three hours.

IX. EURIPIDES. Iphigeneia in Tauris.

First semester, two hours.

X. DEMOSTHENES DE CORONA.

Second semester, two hours.

HISTORY.

Professor Dodson.

I. GREEK HISTORY. A general survey of the civilization of brief account of the progress of Hellenism will be carefully traced. the Greeks from early times to the close of Alexander's conquests. A Text book readings, reports and lectures.

First semester, two hours.

II. ROMAN HISTORY. From the earliest times to 800 A. D. emphasis will be placed upon the period from 133 B. C. to 180 A. D. The decline of Rome and the transition period from 400 to 800 will be carefully developed. Text books, readings, reports and lectures.

Second semester, two hours.

III. EUROPEAN HISTORY I. An introductory course in the general movements of institutional life from the Germanic migrations to 1789. Robinson's History of Western Europe and Readings are used. Text book, readings, reports and lectures.

First semester, three hours.

IV. EUROPEAN HISTORY 2. The origin and course of the French Revolution, the Napoleonic Era, and the Nineteenth Century. Continuation of III, 1.

Second semester, three hours.

V. ENGLISH HISTORY, 1. From early times to the close of the Religious Revolution, 1603. Vols. I and II of Gardener's Students' History of England are used. Text book, readings, reports and lectures.

First semester, three hours.

VI. ENGLISH HISTORY 2. From 1603 to the present time. The constitutionalizing of the King in the 17th Century, the rise of political parties and development of the Cabinet, the economic revolution of the 18th Century, and the economic, political and constitutional reforms of the 19th Century. Text book, readings, reports and lectures.

Second semester, three hours.

VII. AMERICAN HISTORY 1. European background of—and colonization of America, the Colonial period, the Inter-colonial Wars and Co-operation, the revolution, origin and establishment of the constitution—1789. Open to Juniors and Seniors. Lectures, readings and the study of documents.

First semester three hours.

VIII. AMERICAN HISTORY 2. The government under the constitution, 1789 to 1912. Lectures, readings and the study of documents. Open to Juniors and Seniors.

Second semester three hours.

IX. METHOD IN HISTORY 1. This course will treat of the nature of History, the instruments used in the interpretation and organization of historical material for teaching purposes, and from the view-point of the student and of the teacher; exercises in interpreting and organizing a special limited field. Critical examination of text books in History, in the light of principles discovered of the evolution and interpretation of facts, their organization, etc., making of lesson plans.

Open to those who have had ten hours of history.

Second semester, two hours.

POLITICAL SCIENCE. An introductory course in the study of the main conceptions and principles of political science. Gettell's Introduction to Political Science is used. Open to Seniors. Text book, lectures, readings and the examination of leading modern constitutions.

Second semester, two hours.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of construction and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

Prerequisite, four years of Academy or H. S. Latin.

I A, TRANSLATION AND COMPOSITION. Cicero De Senecute, Tacitus, Agricola.

First semester, four hours.

B. TRANSLATION AND COMPOSITION. Livy, Selections from Books I, XXI, and XXII, Virgil, Georgics.

Second semester, four hours.

Course I is prerequisite to all the others.

II A. TRANSLATION: STUDY OF ROMAN LITERATURE. Horace, Odes and Epodes. Selections from Roman poets.

First semester, three hours.

B. TRANSLATION AND STUDY OF STYLE. Horace, Satires and Epistles, Plautus, Trinummus.

Second semester, three hours.

III A. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Juvenal and Martial. Johnston's Roman Private Life.

First semester, three hours.

B. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Martial and Pliny the Younger, Johnston's Roman Private Life.

Second semester, two hours.

Course III will be offered in 1912–13.

IV A. ROMAN CONSTITUTIONAL LAW.

First semester, two hours.

B. REVIEW OF LATIN GRAMMAR.

Second semester, two hours.

Course IV will be offered in 1913–14.

MATHEMATICS.

Professor Emmons.

While the principal objects in the courses in Mathematics are mental discipline and training in logical thinking, the application to the problems of everyday life of the power of analysis acquired, incidentally proves that the subject has a high utilitarian value. The student receives the subject matter through the text-book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

Those who major in Mathematics are expected to complete courses I-VIII, except that ladies are advised to substitute Mechanical Drawing for Surveying.

I. PLANE AND SPHERICAL TRIGONOMETRY. The class is divided into two sections, the first reciting at 9:00 o'clock and the second at 11:25. The object of the course is three-fold; to define the trigonometric functions and study the relations among them, to acquire skill in the use of certain mathematical tables, and to learn and practice the methods of solving plane and spherical triangles.

First semester, three hours.

II. COLLEGE ALGEBRA. This course includes a short review of quadratic equations, biquadratic equations, and complex numbers, and selected topics from higher algebra such as the properties of equations, binomial expansion, undetermined coefficients, logarithms, permutations and combinations, and series.

Second semester, three hours.

III. PLANE SURVEYING. After studying the plan of construction and the adjustments of the standard instruments the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit or level in the field are assigned. The student is required to keep a field note book of all surveys and problems.

Second semester, two hours. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. ANALYTIC GEOMETRY, PLANE AND SOLID. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations. Prerequisites, I and II.

First semester, five hours.

V. DIFFERENTIAL CALCULUS. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivative. In this course emphasis is laid upon the differential calculus though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prerequisite IV.

Second semester, five hours.

VI. DETERMINANTS AND THEORY OF EQUATIONS. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V.

Second semester, four hours.

VII. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. This is a continuation of course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

First semester, four hours.

VIII. ASTRONOMY. A course in descriptive astronomy including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four inch equatorial telescope. Prerequisite I.

Second semester, four hours.

IX. SEMINAR. Time and nature of work to be arranged with the students concerned. It is desirable that the student pursue this course throughout a year.

PHILOSOPHY.

Professor Morley.

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. It seeks to co-ordinate and unify all departments of human knowledge. Its chief personal and cultural value lies in the wide outlook, and the true understanding and valuation of life and nature which it gives, and in the development and discipline of the analytical and logical powers of the mind. From the practical standpoint it is essential to the best foundation for law, theology or other professional studies calling for the most accurate and consistent reasoning. The purpose of the department is to open this field of study to the student and to bring some of the more important results of philosophic enquiry into close relation to the practical needs and problems of present day life.

I. GENERAL PSYCHOLOGY. This course presents the main facts, laws and interpretations of the mental life. These are studied in an introductory way during the first semester and with more detailed and intensive method during the second semester. Two texts are studied and their use is supplemented by written exercises, class discussions. Lectures are given upon special phases of mental life, upon comparative psychology and upon dreams, sleep, hypnosis, hallucination, and other forms of abnormal psychology. The lectures are supplemented throughout by experiments and demonstrations before the class.

Open to Sophomores.

Throughout the year, three hours.

II. PHILOSOPHY OF THOUGHT AND LANGUAGE (Logic). An introductory and practical course in Logic. The philosophy of good thinking with some study of the fundamental laws of thought and the rational processes by which we come to our judgments and beliefs. The work will include a brief study of the development of language and its function as the instrument of thought.

Lectures, Class Discussions, Collateral Reading. Required of all majors in Philosophy.

First semester, two hours.

III. INTRODUCTION TO PHILOSOPHY. This course is intended for the general student who wishes to know something of the philosophical problems that have engaged human thought; and it is as well a preparation for those who wish to pursue the more advanced courses in philosophy. An attempt will be made to present the various philosophical systems in relation to the science and general civilization of the periods to which they belong. Roger's "A Student's History of Philosophy," will be used as a text. Open to Juniors who have completed Psychology I. Required of all majors in Philosophy.

First semester, four hours.

IV. MODERN PHILOSOPHY. In this course it is proposed to examine systematically and critically the leading types of philosophical theory from Kant to the present time, and to study some of the fundamental metaphysical problems, and the methods and principles that modern philosophy employs in their solution. Open to Juniors who have had course III. Required of all majors in Philosophy.

Second semester, four hours.

V. ETHICS. Afttr a study of the different types of ethical theory, this course considers the origin and the authority of the moral law, the functions of conscience, and the rational principles which may be brought to bear upon the ethical aspects of current judicial, social and commercial problems. Seth's "Ethical Principles" is used as a text book. Open to Juniors. Required of all majors in Philosophy.

First semester, four hours.

VI. THESIS COURSE. This course consists in prescribed readings in investigation of some subject in philosophy approved by the head of the department. This study and the preparation of a thesis will continue throughout the year. The time of conferences and for the presentation and defence of the thesis will be privately arranged. Open to Seniors who major in Philosophy. Maximum credit two hours.

VII. PHILOSOPHICAL SEMINAR. The aim of this course is to supplement the work in courses III and IV by a more intensive study of the problems there raised. It will aim to give an acquaintance with leading philosophical systems in their original form. A reading knowledge of French and German, while not required will be of advantage. The work will be mainly individual study under the direction of the head of the department, with weekly conferences and discussions. Open to Seniors who major in Philosophy. Credit will be arranged according to the amount of work done.

Second semester meets once a week.

NOTE—Course II will be given by President Strickland.

PHILOSOPHY OF RELIGION AND BIBLICAL LITERATURE.

President Strickland.

A thorough modern education demands some serious study of the development of the religious consciousness as seen in primitive forms of worship and in the great ethnic religions of the world. The greatness of Christianity can be appreciated only by the contrast with other religious systems. The object of the work in the Study of Religion is to present the truth of a gradual unfolding Revelation of the Divine in human life. The method is historical. Matters of criticism which do not touch Christian faith are kept in the background, the purpose of the work being positive and constructive, not critical.

In the College course the thoughtful student finds his horizons of knowledge widening and some of his beliefs and standpoints shifting. One of the aims of this department is to afford guidance to the student through this transition period, so that while he may change his view points, his religious faith may not lose its spiritual content but may be deepened.

I. HISTORY OF RELIGION. A study of primitive religious beliefs, practices, and forms of worship followed by a brief study of several of the non-Christian religions. Menzies' History of Religion is used in part as the text, supplemented by lectures and collateral reading.

Open to all who have had English Bible I and II.

The first semester, two hours.

II. A STUDY OF THE CHRISTIAN RELIGION. The work begins with a study of the growth of Judaism after the Babylonian exile. Following this the origin and growth of Christianity are traced. Such great matters are considered as the personality of God, the immanence of God, conceptions of the natural and the supernatural. The object is to present in outline a philosophy of Christianity and to indicate the way to a firm foundation for positive Christian faith, which shall be in harmony with modern ways of thinking. Lectures, required readings, and class papers.

Open to all who have had English Bible I and II.

The second semester, two hours.

COLLEGE PHYSICS.

Professor Tilton.

Mr. Theodore Saur, Laboratory Assistant.

I. REVIEW PHYSICS. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded Seniors who wish to teach but have not registered in courses II and III. This review work is so arranged that those who have had course II can review the elements of the remainder of the subject by electing the second semester of Physics I, and those who have had course III can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Each semester, one hour.

II. MECHANICS OF SOLIDS AND FLUIDS in the first semester, SOUND AND HEAT (including Thermodynamics) in the second semester.

Each semester beginning in the odd years, four hours. (*On laboratory days* 1:30 *and* 2:30.)

III. MAGNETISM AND PART OF ELECTRICITY the first semester. ELECTRICITY AND LIGHT the second semester.

Each semester beginning in the even years, four hours. (*On laboratory days,* 1:30 *to* 2:30.)

General explanation, Physics II and III: It is advisable, though not required, that Physics II precede Physics III. For admission grades in Trigonometry are necessary. When advisable registration is permitted for partial courses.

The various subjects are presented partly by text-books with recitations thereon, and partly by lectures. The class work on each subject is then followed by a laboratory course consisting of the following: (a) important experiments of an illustrating character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for further technical and engineering courses. It is also planned to prepare those to teach who wish to teach Physics in high schools.

Those who are unable to take both Physics II and III will find the following the next best combination of courses: Physics II and the second semester of Physics I, or Physics III and the first semester of Physics I.

IV. SPECIAL PHYSICS. This course is especially for those who are majoring either in Physics or in the Physics side of the Pre-engineering group. It will consist of individual laboratory work upon some problem bearing on future life work in engineering, followed by the preparation of a written report, or thesis, on the problem assigned.

In this work those who are to take up Electrical Engineering will continue the study of the alternate current, which was begun in Physics III.

Either semester, by special arrangement. A maximum of four semester hours of credit is allowed.

PHYSICAL CULTURE.

With the opening of the new gymnasium, this department has been re-established upon broad lines. The splendid equipment now available enables us to offer thorough training in Physical Culture under the best conditions.

The purpose of the department of Physical Culture may be expressed in words taken from the address of Mr. Hopper in which he presented the splendid gymnasium to the college. Mr. Hopper said: "The time has come when every college should establish a department for physical efficiency, manned by an educated instructor with special training, with high ideals and fine character; a man who understands human nature and human needs, whose business would be to look out for the physical welfare of each student under his care, whose aim should be that every student attain his greatest physical efficiency. There is no reason why college students should not graduate with an elastic step, graceful carriage, pleasing bearing, well developed body and habits formed which will permit good health and tend to longevity."

To realize this aim the department of Physical Education provides suitable training for the physical wellbeing of the students. Regular and systematic exercise is of the greatest importance to those leading a sedentary life and for this reason gymnasium work or its equivalent in athletics has been made compulsory.

Two hours of gymnasium work per week are required of every student for three years. College credit for this work is given in the usual laboratory ratio of two to one. Delinquencies are subject to the same regulations as any class room work.

PHYSICAL TRAINING FOR MEN.

H. J. Iddings, Director.
Chester J. Roberts, Assistant.
Walter Osborn, Gymnasium Assistant.
William Morrison, Assistant in Baseball.

Each man is given a medical examination at the beginning of the college year by a physician and a physical examination by the director of the gymnasium. Records of this examination are kept on file by means of anthropometric cards and charts.

Gymnasium work for men is graded to suit the needs of individual students as far as possible and is designed to be corrective whenever needed. To develop an easy and graceful carriage, an erect bearing and to aid the body in its functions are the purposes of this training. With the consent of the director, athletics may be substituted for gymnasium work.

The different athletic sports are encouraged in a moderate and sane way, and are regarded as a part of the regular physical education. This includes football, basketball, track, baseball and tennis.

A description of the gymnasium building has already been given under the head of general equipment of the college. But some description of the equipment for the physical training may be in order. The apparatus is of the latest type and is most complete. It includes stall bars, flying and traveling rings, parallel and horizontal bars, horizontal ladder, 24 chest weights. Besides this there are horses and bucks, an adequate supply of dumb bells, wands and Indian clubs, a rowing machine and long rubber mats for indoor sprinting.

First Year—

Drill and marching. Setting up exercises. Light work on parallel bars, rings and ladder. Work with chest weights.

Two hours per week.

Second Year—

Drill and marching. More advanced work on heavy apparatus. Work with dumb bells and wands. Fencing.

Two hours per week.

Third Year—

Advanced work in heavy apparatus. For those desiring it, work will be offered in the methods of teaching Physical Culture.

Two hours per week.

PHYSICAL CULTURE FOR THE WOMEN.

The work for women in Physical Training has for its chief aim the correction of faulty physical traits, the promotion of grace and agility, the knowledge of the care of the body required for perfect functioning of its parts, a love of recreation, of the open and the formation of the habit of systematic exercise, which will be continued by the student long after college days are over.

At the beginning of the college year each girl is given a physical examination by the director, assisted by a woman physcian. The results are tabulated and kept on file in the director's office. Each young woman is required to take two hours of Physical Culture per week, and all students who need corrective work are given special exercises. During the year lectures in personal and public hygiene are given and each young woman is free to consult with the director at any time. No girls are allowed to participate in any athletic sports or games without permission of the director, after a thorough examination by director and assisting physician. The object of this department is to build up, not tear down, so that each young woman may be able to keep herself in the best physical condition in order that she may derive the greatest benefit from her college work and arrive at her highest degree of efficiency.

Each young woman is required to furnish her own gymnasium suit and shoes. These are ordered by the college at a cost of $3.75 for suits and $1.50 for shoes.

First Year—

October. Physical examinations, prescriptions and demonstrations of special corrective exercises.

November. Floor work, marching, setting up exercises, elemental rhythmic steps. Beginning light apparatus, dumb bells and Indian clubs, wands.

December. Folk dancing, beginners' classes, gymnastic games, first exercises, rings and chest weights.

January. Continuation of elementary rhythmic exercises and light apparatus.

February. Continuation of work of January, introduction of parallel bars, stall bars, Swedish horse, simple exercises.

March. General review of first year's work.

April. Exhibition of work during first week followed by training for athletic sports by those eligible. Chest weights emphasized.

May. Grading of students for following year classes, leaders selected, examination of Senior class, all work this month done outside of gymnasium, tennis, hockey, cross country, jumping and running.

Second Year—

Monthly gradation of work in first year—advanced work in light and heavy apparatus, folk-dancing, advanced classes—advanced rhythmic work. Beginning class in pantomime.

Third Year—

Monthly gradation of work as in first year. Advanced apparatus, light and heavy—original drill work—original rhythm work—advanced folk-dancing and pantomime. Original pantomime of familiar folk lore. For those who wish to teach this work in public schools a course in methods will be provided.

BIBLICAL LITERATURE.

The following courses are arranged to meet the requirements of the general student body. They aim to set forth the social, political, literary and religious materials of the Bible with which every educated person should have an acquaintance. They also serve as valuable introductory courses to those preparing to become religious teachers and leaders.

I. OLD TESTAMENT: THE PRE-EXILIC PERIOD. This course traces the progress of revelation and faith among the early Hebrews from the traditional period, through the nomadic and transitional stages to the founding and dissolution of the monarchy. Particular attention is given to the rise and functions of the order of prophets, the growth of the conception of ethical monetheism and the centralization and changing forms of worship. Text book and lectures.

First semester, two hours.

II. OLD TESTAMENT: THE POST-EXILIC PERIOD. The later history of the Jews will be traced in the divided kingdom, the exile, in the Persian and Greek domination and the Maccabean struggle for liberty. Some time will be given to the prophetic and wisdom literature and the growth of the Messianic expectancy. Text book and lectures.

Second semester, two hours.

III. THE LIFE AND TIMES OF CHRIST. The course will examine the sources and history of the Gospel records, the history of Palestine in the time of Christ, the synoptic problem and the fourth Gospel, the life, ministry and teachings of Christ, together with contemporary Jewish traditions. Text book and lectures.

First semester, two hours.

IV. THE APOSTOLIC AGE. This course will be a study of the founding of the Christian Church, the spread of Christianity, the religious ideas, customs and literature of the apostolic age. While this course is a unit yet it is taken with best advantage in sequence with course III. Text book and lectures.

The work in Biblical Literature is conducted by Professor Morley.

Second semester, two hours.

ECONOMICS AND SOCIOLOGY.

I. ELEMENTS OF ECONOMIC SCIENCE. The aim is to give a scientific explanation of modern industrial society; to acquaint the student with the methods of approach to—and the nature of present day problems, with their practical applications to the duties of good citizenship; and at the same time to lay the basis for the more advanced work in the same field. Open to Juniors and Seniors. Text book, readings, reports and lectures.

First semester, three hours.

Professor Dodson.

II. ELEMENTS OF ECONOMIC SCIENCE. I continued. Second semester.

I. GENERAL SOCIOLOGY. An elementary course in the methods and problems of sociology with their application to present day affairs. Open to Juniors and Seniors. Text book, readings, reports and discussions, and lectures.

First semester, three hours.

Professor Ruggles.

II. APPLIED SOCIOLOGY. In this course are discussed the various problems confronting the social worker, in both city and country. It is designed to be helpful to any who may contemplate entering upon some form of social service, as well as to give a more sympathetic and intelligent understanding of present day social problems.

Second semester, three hours.

PUBLIC SPEAKING.

Professor Goodwin.

The purpose of our courses in Public Speaking is to present in a practical and effective manner the essentials of platform work and, by class exercises and training, to develop in individuals the most effective manner of public address. The emphasis will be laid upon the direct conversational type of speaking.

I. VOCAL CULTURE AND ORATORY. A study of pronunciation, enunciation, directness, emphasis, etc., with exercises to develop vocal energy, purity and flexibility of voice. Selections are committed and recited before the class. Required of all.

First semester, two hours.
Second semester, two hours.

II. ORATORY AND INTERPRETATION. Continuation of Voice Drill begun in Course I. Special attention to gesture. Further drill on masterpieces of oratory, with a view to cultivating appreciativeness, poise, melody, and mastery of an audience. Considerable work in interpretative reading of emotional poetry.

Prerequisite I.

Second semester, two hours.

III. EXTEMPORANEOUS ORATORY. A study of the field of extempore speech, with practice in speaking on topics suitable to various occasions.

Prerequisite, I and II.

First semester, two hours.

IV. CONSTRUCTIVE ORATORY. A study of the modern oration, modern styles of oratorical composition in comparison with classical forms. Especial attention to the modern college oration. A finished oration required of every one in class, together with other prepared papers. Private training in delivery given on orations written in the class. Valuable opportunity to write orations for the various college contests.

Prerequisite, I and II.

Second semester, two hours.

V. DEBATING. A study of the art of debate, and the principles of argumentation. Persistent practice in brief drawing on assigned questions. Work on preparation of rebuttal. Frequent drill in actual debating, with especial attention to delivery.

Prerequisite, Course I.

First semester, two hours.

The Forensic League of Simpson College each year sends representatives to the various State contests in Oratory, The Intercollegiate, the Peace, and the Prohibition. A number of intercollegiate debates are also scheduled each year. Students ambitious to participate in any of these are urged to take Courses I and V as early in their college work as possible.

The Academy

The Academy

BOARD OF INSTRUCTORS.

FRANCIS L. STRICKLAND, Ph. D.
President of the College.

ALLEN RUGGLES, A. M.
Principal of the Academy.

GRACE HAYWARD, A. M.
Instructor in English.

JOSEPHINE McCLEARY, A. B.
Instructor in German and Latin.

GRACE BEAM, A. B.
Instructor in Mathematics.

CHESTER J. ROBERTS, A. B.
Instructor in Physics and Physical Geography.

ANTOINETTE B. STRICKLAND,
Instructor in Drawing.

HAROLD IDDINGS,
Instructor in Physical Culture.

The Academy

THE Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the Academy which was continued, remains today a useful department of the institution.

With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But Simpson Academy still fills a needed place. Several things are worth considering here. In the first place, many towns of Iowa have not reached the point where they can maintain a fully accredited high school with the standard-four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is a considerable advantage in being able to come to a college which maintains a high grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college fully prepared and without the handicap of being conditioned in work required for admission.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the high school work for a year or two but gave it up. They do not wish to go back to the high school for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in our Academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by the permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This of course is impossible at the regular high schools.

Much of the teaching in the Academy is done by the Instructors.

In some cases however the Professors of the College give the instruction in their departments. This is true in beginning the study of languages. We think it a matter of prime importance that students should begin the study of Latin, German, or Greek under the guidance of the most experienced teachers we have. Our students therefore have their first year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German.

There is careful supervision of the Academy work by the heads of the departments. For we do not regard our Academy as a mere adjunct of the College but as an integral part of the institution.

Each member of the faculty makes a written report four times a year to the President. This covers the work in the Academy as well as in the college. And at the faculty meetings held every two weeks, the various parts of the work of the college come up for report and discussion.

In considering whether you would come to Simpson Academy, have you thought of the advantage of being in a school where the instruction is supervised by the experienced teachers of a college faculty, and where some of the instruction is given by them?

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years course may be admitted to any year by submitting certificates or other evidences of the amount and satisfactory character of the work done.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

PRIZES.

The Buxton Scholarship Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars worth of books, is awarded to that member of the senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the senior class who has been in attendance during the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

LITERARY SOCIETIES.

The Academy has two literary societies both of which are in good condition. The students are urged to join one of these societies and gain the culture and training which comes from participation in the regular work of the programs. Not only may they gain practice in debate and parliamentary usage but may acquire the art of thinking on their feet. The ability to express thoughts in good English is an accomplishment for which every student should strive.

The Lowell Lyceum, organized in 1891 and the Pierian Society are composed of both young men and young women of the Academy, Conservatory and School of Business. The regular meetings are held in their respective rooms every Friday.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements.

The work of the freshman year in college may be arranged to fit the student's acquirements in language. The minimum requirements for admission to college may be found under the heading "Admission to College."

ACADEMY COURSE OF STUDY.

First Year.

Ancient History	4	4
Elementary Latin	5	5
Algebra	4	4
Physical Geography	5	0
Elocution	0	2
Drawing	1	1
English Composition weekly	1	1
	20	17

Second Year.

Caesar	5	5
Geometry	4	4
English	4	4
Biology	4	4
Elocution	1	1
English Composition weekly	1	1
	18	18

Third Year.

English	4	4		
Algebra	0	4	4	8
English Composition weekly.				
Three studies from this list first semester; two the second semester.				
Cicero	4	4		
German	4	4		
Advanced Grammar	4	0		
Greek	4	4		
Solid Geometry	4	0		
Elementary Economics	0	5		
Bookkeeping	5	5		
Elementary Botany	0	5	13	9
			17	17

Fourth Year.

English	4	4		
Elementary Physics	5	5	9	9
English Composition weekly.				
Two studies from this list.				
Latin	5	5		
Greek	4	4		
German	4	4		
United States History	4	4		
Elementary Botany	0	5		
Advanced Grammar	4	0		
Advanced Arithmetic	0	4		
Elementary Education	4	0		
Bookkeeping	5	5	9	9
			18	18

Physical Culture is required two hours per week. No one may be excused from physical culture except on written permission of the Director with endorsement by the President.

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units of which three must be in Foreign Language, two and a half in Mathematics; three in English; one in History and one in Elementary Physics.

Of the language units offered for College entrance at least two must be in a single language. Where the third unit is different, the language of that single unit must be continued in the Freshman year unless the student elects Greek.

"Unit" means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hours per week.

Fifteen units required for unconditional admission to College.

Fourteen units admit to conditional standing in the Freshman class. Conditions must be made up by the middle of the Sophomore year or the student will not be continued in his class.

ACADEMY MATHEMATICS.

Miss Beam, Instructor.

ALGEBRA I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Throughout the year, four hours.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials, and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Throughout the year, four hours.

GEOMETRY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems of mensuration. Prerequisite, Geometry I.

First semester, four hours.

ALGEBRA II. In this course a few of the subjects treated in Algebra I are taken up for reconsideration from a more advanced and critical viewpoint. The development of number systems of Algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few more of the more advanced topics such as progressions, binomial theorem and logarithms may be included. Prerequisites, Algebra I, and Geometry I.

Second semester, four hours.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the student to teach arithmetic in the public school grades. Three things are to be undertaken, viz.: (1) to familiarize the student with arithmetic, (2) to guide the student in a study of the viewpoint and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text books.

Second semester, four hours.

THE ENGLISH COURSE OF THE ACADEMY.

Miss Hayward.

In the first year, the first semester is spent in the study of Rhetoric and Composition. The second semester will continue the study of Composition but this work will be based on a study of the American classics. The aim of this year's work is to arouse interest in literature and to develop some skill in simple narration.

The study of the second and third years completes the college entrance requirements. It is expected that the student will gain a careful knowledge of the best of English literature and an understanding of history from collateral readings. The work of these years includes writings studied in class and assignments for private reading on which reports are made. The composition of these two years is fitted to the subjects studied and the attention to this branch of English study is never overlooked. The student progresses to more difficult composjtion as the works studied become more difficult and he is continually taught to look for the excellencies of style in the writings under consideration.

ELEMENTARY EDUCATION.

Professor Ruggles.

The Theory and Practice of Teaching in Elementary Schools. This course is designed to give the student specific instruction in the solution of the everyday problems of a teacher, and to meet the needs of those who are going into district or graded school work. Among other topics the following will be discussed. The recitation; the study period; the writing of lesson plans; various types of lessons; schoolroom discipline; the recess; the ethical relationships of the teacher, his moral and social responsibility; the relation of the teacher to the community; the relation of the teacher to the school board.

Open to third and fourth year Academy students, and required of all Normal students of sub-collegiate rank. First semester, four hours.

ACADEMY LATIN.

Professor Hunting, Miss McCleary.

The work of no year is more important than that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advanced years, a serious lack in the first year's work.

FIRST YEAR. A thorough drill in the elements of Latin grammar is given. Analysis and diagramming are used, as in English grammar, for the purpose of teaching language relations. The translation of English into Latin is emphasized as furnishing the best means of applying the principles of Latin grammar.

THE SECOND YEAR. Caesar's Gallic Wars and Nepos with Prose Composition based upon the text. Drill in Latin grammar is continued.

THE THIRD YEAR. Cicero's Orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied.

FOURTH YEAR. Virgil's Aeneid. This is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year, is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rhythm of the verse. The study of mythology is begun in Virgil.

ACADEMY GREEK.

Professor Baker.

I. ELEMENTARY GREEK. This course occupies one year and covers the elements of the language, with continuous reading from the Anabasis of Xenophon begun during the first month of the course.

First and second semesters, four hours.

II. XENOPHON'S ANABASIS. This course includes four books of the Anabasis with such collateral reading as may be necessary for comprehending the bearing of the narrative. Exercises in oral and written Greek form a large part of the course.

First and second semesters, four hours.

ACADEMY HISTORY.

Miss Baker.

Two years of history are offered in the Academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalization before he has a sufficient number of concrete facts. The order should be reversed.

The teaching of civil government apart from its historical settings generally results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses.

I. ANCIENT HISTORY. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical developments of ideas, rather than forms, and of the relation of environment upon earlier life. West's Ancient History is used.

Throughout the year, four hours.

II. UNITED STATES HISTORY AND CIVIL GOVERNMENT. A course in history and government from the beginning to the present time, with emphasis upon the period after 1789. James and Sanford, American History and Government in the State and Nation, are used.

Throughout the year, four hours.

ELEMENTARY BOTANY.

Professor Jenner.

The course consists of a general survey of the whole field of botany in such a manner as to acquaint the student with the plant life about him, and give him a knowledge of the morphology, ecology and physiology of some of the typical seed plants. A minimum amount of work is done on an herbarium, but the student has it constantly impressed upon him that the study of plants is not primarily the study of flowers with a view to their arrangement in a systematic scheme. Emphasis is placed on life processes as the subject matter of botany. Stephen's Introduction to Botany will be used as a text in 1912-13.

ELEMENTARY HUMAN PHYSIOLOGY.

A general survey of the structure and functions of the human body with a view to giving the knowledge which every graduate of a secondary school should have concerning its proper care. Hough and Segwick's Human Mechanism is used as a text.

DECLAMATION.

Professor Goodwin.

The student learns to develop correct posture and an easy, natural manner on the platform. Exercises are given to aid in correct articulation and pronunciation. Practice is furnished in reading essays at sight, and in the rendition of oratorical and declamatory selections. These selections are committed and recited before the class. It is the purpose of this course to cover the field usually covered by High School work along these lines. Required of all first and second year preparatory students. One hour a week throughout the year.

ELEMENTARY PHYSICS.

Mr. Roberts.

A grade in at least one semester's work in Algebra is necessary to registration in this class. The work is planned to give a general knowledge of the subject, with a thorough study of the principles both from a complete laboratory course in which individual experimental work and written reports are required and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by a "Laboratory Course in Physics" by the same authors.

Five hours per week throughout the year, double periods when Laboratory work is in progress.

PHYSICAL GEOGRAPHY.

Mr. Roberts.

In the Academy course in Physical Geography Dryer's "High School Geography" is used as a text. After a brief consideration of the general principles with reference to the development of land forms, attention is directed to the relation of human life, occupations and civilization to these natural conditions in the different countries, thus emphasizing the economic bearing of the subject.

First semester, five hours per week.

Normal Courses

THESE courses are intended to furnish pedagogical training to those who intend to enter upon the work of teaching in the High Schools or grades.

The courses are fully accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing. It is very desirable that a teacher should be able to illustrate by simple drawings which are accurate enough to convey the ideas intended.

The vocal music will include the elements of music, sight singing, with the most approved methods of instruction for the public schools.

The physical culture will be under a competent director.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES.

I. GRADUATES OF THE COLLEGE who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education is outlined under its proper heading in the departments of instruction of the college.

II. FIVE SEMESTER NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent.

The course includes: (a) Four semesters' work from the college courses chosen under the guidance of the professor of Education who is the advisor of all students taking the Normal Courses.

Education II (a) and the second semester of Education III must be included in the above.

(b) In addition it is required that there be a review of the common branches, and a study of the methods of teaching them.

Those completing the five semester course for High School graduates will receive a diploma and will be thereby entitled to a two years' State Certificate. If success attend their work in the public school, a second grade State Certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

Conservatory of Music

Conservatory of Music

THE FACULTY.

FRANCIS L. STRICKLAND, PH. D.
President of the College.

FRANK E. BARROWS,
Director of the Conservatory and Instructor in Piano, Pipe Organ and History of Music.

EVERETT OLIVE, MUS. B.,
Instructor in Piano and Theory of Music.

ELLIS RHODES,
Instructor in Voice Culture,

PERSIS HEATON, MUS. B.
Instructor in Piano.

HERBERT J. HARVEY,
Instructor in Violin.

EFFIE SILLIMAN,
Instructor in Public School Music, and Normal Methods in Music.

Simpson College Conservatory of Music

THE purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

An intelligent interpretation of a great musical work can be given only by one who has the mental training which enables him to grasp the noblest thoughts of the great composers. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The Conservatory is situated in a pleasant college town, and because of its moderate size its faculty can meet the needs of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantages of school over private instruction are apparent. No matter what course be selected, the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building is a substantial structure of pressed brick. This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. In the building are teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the students for practice at a nominal fee. From observing the work of the students we find that those who do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on the excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or voice, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for, and is one of our chief advantages, as we do not have to wait, and send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano, Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follow music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. A course in Public School Methods.

BEGINNERS.

From the inquiries that come to the Conservatory office it would seem many have formed the opinion that we accept only advanced pupils in the various lines of musical culture. This is an erroneous idea. While each year we receive an increasing number of advanced students, we also are especially pleased to take those who are just beginning their musical studies. Many who have taken up their studies here from the beginning have made unusual progress, as from the first they have had correct teaching and have not formed habits of careless practice and performance. Pupils of all grades are accepted and will find here instructors who will suit the instruction to their special needs.

COURSES LEADING TO DIPLOMAS AND CERTIFICATES.

Each one who wishes to meet the full requirements leading to the degree of Bachelor of Music, must, before he can register as a Junior, obtain from the Registrar at the college office a written statement that his high school or academy grades have been accepted in the customary way as meeting the full requirements for admission to Simpson College (see pages 30-34 of this catalogue), or that he is then registered in classes which, on the completion of the work, will entitle him to the diploma which is awarded with the degree.

Each student beginning work with us with a view to graduation, should bring with him and take to the Registrar at the college office, a certificate of work done in high school, and, in case the high school is not on the accredited list of the North Central Association, bring with him also his laboratory note books and a list of text books used in the various classes. All adjustments with reference to credits should be attended to as early as possible in the conservatory course. Those whose unit in science is not elementary physics will be required to study the physics of sound with the Academy class.

The theoretical requirements of the Conservatory for Courses II and III are as follows: Harmony, six terms; Counterpoint, three terms; Analysis, three terms; Musical History, three terms; Biography of Musicians, three terms; Ear Training, two terms. In addition to the theoretical requirements, it is also necessary to complete the required work in either voice, piano, violin or pipe organ. The length of time required to complete Courses I and III depends upon the ability of the pupil, and upon his concentration and industry. Few, however, are able to complete the work in less than four years.

The fee for the diploma is five dollars.

Those who may not wish to take the full course leading to the degree of Bachelor of Music are given the full advantages of the Conservatory and, on the completion of the theoretical requirements of the Conservatory as above outlined, are awarded the certificate of the Conservatory, indicating that the courses named have been completed. The fee for the certificate is three dollars.

Students who may be candidates for both the Bachelor of Arts and the Bachelor of Music degrees must elect additional hours, as the same work cannot be counted toward both degrees.

THE DEPARTMENTS OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and diminished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3d Term. The suspension, retardation, anticipation, unessential notes, organ point, dissonances, harmonization of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double and triple counterpoint.

3d Term. Quadruple counterpoint. Counterpoint in five, six, seven and eight voices.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette, Scherzo, Suite. Canon and fugue. With examination of the works of the classical composers in all the above musical forms.

3d Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week through the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the North; the Troubadors; influence of the Church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extend throughout the year, one lesson per week.

PIANO.

COURSE I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces selected as are calculated to cultivate a pleasing musical touch. Committing to memory is insisted upon from the first of the course to its completion.

COURSE II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

COURSE III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform; and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals, and is able to follow the parts clearly, he takes up the easier compositions by Bach, and the more modern composers.

SINGING.

Singing is the musical interpretation of text, by means of the human voice. It logically follows then that the first and most important factor in singing is the presentation of the story; a presentation which puts the listener in a comfortable frame of mind, causing him to follow the story beng sung just as he would were a splendid orator presenting it.

Often a young person, through good environment, and opportunity of hearing English well spoken as well as sung (which is a rarity), will sing simply and easily, and even artistically. Everyone enjoys hearing such a performance, and soon a teacher is in charge of the career of the promising beginner.

Instead of following along the path so happily stumbled upon, the poor victim is usually overwhelmed by mythical and vague instruction to "place the tone." "Placing" a tone is just about as sure and tangible in its value as a means of acquiring control of one's vocal possibilities as the finding of the proverbial haystack needle.

A proper pronunciation of the vocal sounds and handling of the consonants is the greater part of vocal training. Scales necessarily must be sung with regularity, and special physical exercises practiced to eradicate whatever stiffness may exist in the respiratory or vocal muscles, and this only tends to bring about a balance and poise, physical and mental.

The balance being established the student is ready to begin the development of his text presentation, as the vocal powers are now under control; and the mood of the singer is just as simply expressed, without thought of "nasal resonance," "head" or "chest tones" as is that of a child who possesses the ability of expressing whatever it feels; and this is absolutely all so-called "tone placing" means.

The aim of the vocal department of Simpson Conservatory is to bring about such results, and even the choruses, Glee Club, etc., are rigidly required to present their work so clearly that anyone, however unmusical, may see the picture and understand the story presented.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow, arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced and musical studies and pieces. Ensemble playing, orchestral work, and the study of such pieces as are suitable for public performance.

COURSE III. Work designed to prepare the pupil for the concert platform or for teaching.

PUBLIC SCHOOL SUPERVISOR'S COURSE.

1st Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch, and rhythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of melody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rhythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

5th Term. Advanced methods. Practice teaching in the public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music, Choruses, Glee Clubs, sight singing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith Series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company. Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is largely observation work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.

TUITION.

Registration fee (required same as in College)			
Piano or Pipe Organ, Mr. Barrows	$29.00	$27.00	$19.00
Piano, Mr. Olive	26.10	24.30	17.10
Piano, Miss Heaton	20.30	18.90	13.30
Vocal, Mr. Rhodes	29.00	27.00	19.00
Public School Methods, Miss Silliman	14.00	13.00	10.00

Violin or Cello, Mr. Harvey	20.30	18.90	13.30
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Musical History, Ear Training or Biography of Musicians	5.00	5.00	5.00
Piano rent, one hour a day per term	3.00	2.75	2.25
Pipe Organ Rent, Conservatory Organ	4.00	4.00	4.00
Pipe Organ Rent, Church Organ	5.00	5.00	5.00
Music Rent (required, each instrument or voice)	1.50	1.50	1.50

NOTE.—Special prices for Miss Heaton to pupils of Indianola Public Schools are: Fall Term, $14.50; Winter Term, $13.50; Spring Term, $9.50.

Students are expected to take two lessons per week in each branch pursued.

By special arrangement being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Rhodes	$1.25 per lesson
Of Mr. Olive	1.00 per lesson
Of Mr. Harvey	.80 per lesson
Of Miss Heaton	.60 per lesson

DISCOUNT. A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advance.

The study of two instruments and two branches of musical theory, or one instrument and voice, and two branches of musical theory, constitute "full music work."

School of Business

School of Business

GENERAL PURPOSES. The School of Business of Simpson College furnishes instruction in all departments of business education.

REQUIREMENTS FOR ADMISSION. Those who enter on the business course should have completed the common branches. Students deficient in these studies may enter the normal classes where, in connection with the methods of teaching, reviews of the grade school studies are given. Grades from high schools will be accepted as in the departments of the college.

COLLEGE CREDIT FOR COMMERCIAL STUDIES. In connection with the regular course, students who are candidates for the degree of Bachelor of Arts may elect the work in the School of Business for which ten semester hours College credit will be given.

DIPLOMA COURSE OF THE SCHOOL OF BUSINESS. This course will consist of the work of the School of Business and in addition thereto, three full years work in an accredited high school, or in the Academy.

CERTIFICATE COURSE OF THE SCHOOL OF BUSINESS. This course consists of the work of the School of Business and the completion of the ordinary common school branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

THE BUSINESS COURSE. Rapid Calculation, Penmanship, Business Correspondence, Bookkeeping in all forms, both single and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, Elementary Composition, Elocution, Commerce and Transportation and Economics.

TIME REQUIRED. The length of time required to complete either of the above courses will of necessity depend upon the previous preparation and ability of the student. We frequently receive students who complete either of the above courses in one year, others will require a longer period to do the work and properly prepare themselves for a successful business career.

BUSINESS WRITING. Neat, legible and rapid handwriting is a matter of the first importance in a business education. It is often the final and decisive matter in obtaining employment. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for those desiring to devote themselves exclusively to penmanship, especially as teachers of the art. The pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

METHOD OF TEACHING BOOKKEEPING. The pupil is taught the principles of Bookkeeping through the medium of sets so arranged that he is able to advance without difficulty. He is instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book. A student can begin the subject at any time as he receives individual instruction in the work.

CORRESPONDENCE. Every Commercial student makes Letter-Writing a special study, as the most delicate and complicated transactions are often required to be adjusted by letter. The great amount of business transacted through correspondence shows the importance of this subject. The work is completed in one semester but is offered in both first and second semesters.

RAPID CALCULATION is one of the most important branches taught in a business course. Quick and accurate calculation is one of the qualifications usually set forth by an employer. Drill in rapid calculation, including addition, subtraction, interest and discount, multiplication, the use of aliquot parts, division, quick methods of handling fractions, etc., are given in order that the student may become proficient in both speed and accuracy. Course is completed in one semester. Offered in both first and second semesters.

COMMERCE AND TRANSPORTATION. This study deals with the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library. The subject is offered the first semester.

COMMERCIAL LAW. The law of Contracts and Negotiable paper, also the law governing Agencies, Partnerships, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments, and Insurance. The subject is offered the second half of the first semester.

ELECUTION. The aim of this course is to develop ease and naturalness in conversation and in public speaking. Faults in breathing, articulation, and pronunciation are corrected in the first semester. In the second semester, practice is given in conversation and extemporaneous speaking. The course is required of all students who are not graduates of accredited high schools. The class meets one hour per week throughout the year.

ECONOMICS. A brief course intended to give a general practical knowledge of the economic laws governing the production and distribution of wealth. Ely's Economics is used as a text. Offered the second semester.

ELEMENTARY COMPOSITION. This course is especially designed to give students thorough drill in the elements of spelling, grammar, and composition. Some attention will be given to letter-writing and to the general appreciation of good style. Offered during the second semester.

BUSINESS PRACTICE. Continues through the entire course. In connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practices. We have separate offices for a Wholesale House, a Bank, a Commercial Exchange, and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms of the country.

THE COLLEGE NATIONAL BANK is conducted on the principles of the national and private institutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists of buying and selling goods at wholesale, keeping a set of books, attending to correspndence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house in the country.

TEXT BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES. The School of Business has many advantages over the ordinary business college which come from its connections with a first class literary and scientific institution. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business. These advantages are considerable and add to the element of general culture. The moral surroundings of Indianola are unsurpassed, the expenses of living low and the tuition charged is less than in many places where similar training is offered.

WORK IN OTHER DEPARTMENTS. Students registered in the School of Business have the privilege of registering for not more than ten hours a semester (two full studies) in Normal School, Academy, or College without additional tuition.

TRAINING FOR COMMERCIAL TEACHERS. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character for her students. For several years there have been more applications for graduates to teach commercial branches than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such positions.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business receive the degree of Bachelor of Arts.

DIPLOMA COURSE. Those who complete the course in the School of Business and three full years work in accredited high schools, or have done equivalent work in other schools, receive a Diploma. (Diploma fee $3.)

CERTIFICATE COURSE. Those who complete the course in the School of Business and the common school branches, receive a Certificate of graduation. (Certificate fee $3.)

COLLEGE CREDIT. Students who have completed the Business Course will receive credit for ten semester hours for this work in the College of Liberal Arts.

EXPENSES.

Tuition in School of Business, per semester	$30.00
Semester fee, per semester	6.00
College with commercial branches	35.00

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

The department of Shorthand and Typewriting is a part of the School of Business. The work and instruction is largely individual.

Students are admitted at any time and are not compelled to wait for the formation of classes in order to begin their work.

TEXT-BOOKS. The "Gregg" System of Shorthand, which is rapidly becoming the leading system in America, is used. "Rational Touch Typewriting," by the Gregg Pub. Co., is used for machine instruction. These books are among the best on the market and are so arranged that thoroughness and rapid advancement are both kept uppermost in the work. The present demand for teachers of the "Gregg" system, has led us to adopt these books.

Business Correspondence, Rapid Calculation, Penmanship and Spelling are a part of our course and are required of each pupil before he will be allowed to graduate. When the whole time is devoted to the work, it should be completed in one school year at the most by the person of average ability.

The typewriters in use in the department are the Underwood and Monarch. They are kept in good condition and the student is impressed with the idea that accuracy is never to be sacrificed to speed. Touch Typewriting is taught exclusively.

ENTRANCE REQUIREMENTS. The applicant for instruction in this department must have completed the work of the eighth grade and be able to produce passing grades in all the common branches.

GRADUATION. The student will be recommended for graduation when able to write shorthand at the rate of one hundred words per minute for five consecutive minutes on new matter and re-read it; to operate the typewriter at the rate of forty words per minute from copy or dictation, and have grades of at least 85 per cent in Correspondence and Spelling. It is our plan to give the student a thorough training for the work that he will be expected to take in the business office or have to do in teaching.

EXPENSES. Tuition in Shorthand and Typewriting, including typewriter rent, per term of 9 weeks, $18; per semester of 18 weeks, $35.

COMBINED COURSES. Students who desire to add the work in Shorthand and Typewriting to the work of the College or School of Business will be charged tuition as follows per semester:

College or Business School with Shorthand and Typewriting..	$40.00
Academy with Shorthand and Typewriting................	35.00
College or Business School with either Shorthand or Typewriting	35.00
Academy with either Shorthand or Typewriting...........	32.00

Summer School

THE Summer Term of Simpson College begins the Monday after Commencement and continues for six weeks. The courses offered are given by regular members of the College Faculty or by Instructors. Summer work is offered by the School of Education, Conservatory of Music and School of Business.

PURPOSE.

In arranging the work of the summer school, the following persons have been kept specially in mind. 1st. Teachers who wish to prepare themselves more effectively for their work, or who may wish to prepare for Teachers' Examination. 2d. High School or Academy students who may wish to make up deficiencies enabling them to enter College. 3d. College students who wish to bring up conditions or to secure extra work toward their graduation.

CREDITS.

The regular credit for full work in the Summer School is six semester hours. This permits the student to take either two, three hour courses, or three, two hour courses. More work than this may be undertaken only by permission of the Summer School Committee.

COURSES.

Courses in the following subjects will be offered in the Summer School.

Courses for Teachers in the Rural schools, Methods in practice of teaching. Special problems of the Rural school will be discussed. Courses in Methods of teaching Elementary subjects. Advanced work in Theory and Practice of teaching. College and Academy work will be offered in the other departments as usual. Special Summer School Bulletin giving full details in regard to all the courses offered is issued in April and will be mailed on request.

Classified List of Students Enrolled in College

Register of Students

DEGREES CONFERRED IN 1912.

HONORARY.

Doctor of Divinity.

Rev. A. H. Collins	Clarinda, Iowa
Rev. James A. Beebe	Chicago, Illinois

Bachelor of Arts.

Ada Bardrick	Indianola
Frank W. Beatty	Ft. Dodge
Wm. P. Butler	Indianola
Hattie M. Carlin	Indianola
Robert G. Collins	Clarinda
John Russell Currier	Indianola
Elbertine Dilts	Indianola
Harry Dooley	Atlantic
Laurena Dyke	Indianola
Clara Halden	Indianola
Frederica Harned	Indianola
Himena Hoffman	Leon
Alice Holmes	Indianola
Eva Holmes	Indianola
Walter Hooker	Blanchard
Leona Horn	Greenfield
Jessie Howser	Indianola
Marion Hunt	Indianola
Hugh Jackson	Indianola
Thesle T. Job	Indianola
Jennie D. Jones	Stanberry, Mo.
Anna Knudsen	Indianola
George A. Lawton	Ogden
Mildred MacFadon	Emerson
Floyd McGranahan	Indianola
L. Dee Mallonee	Indianola
Leo B. Miller	Indianola
Boyd Osborn	Des Moines
Leroy E. Parkins	Knowlton
Cora Pierce	Lewis
Ellis G. Rhode	Cumberland
Edith Rusk	Villisca
Eloise Samson	Indianola
Oliver W. Saul	Denison

Nelle Sayre	Indianola
Eugenia Slocum	Indianola
J. T. Smith	Council Bluffs
Chris Soelburg	Bogsted Mark, Denmark
Mark R. Tennant	Columbia
Bertha Tyler	Villisca
Elizabeth Walker	Paton
John C. Wingett	Osceola
Ada Whitney	Indianola
Mila Yockey	Watertown, S. Dak.

Bachelor of Music.

Mabel Fett	Clearfield
Berdena Hughes	Fairfield
Leola Iler	Indianola
Miriam Ross	Afton

GRADUATES FROM THE ACADEMY.

Diploma Course.

Denney, Susie	Redding
Ellis, Wayne	Rippey
Falls, Orr	Diagonal
Hoffman, Florence	Redding
Lundy, Beatrice	Indianola
Manley, Daisey	Milo
Peterson, Fred	Hastings
Rouze, Lloyd	Pleasantville
Sheppard, Jenave	Mt. Ayr
Shoemaker, Ralph	Rippey
Spencer, Golda B.	Mt. Ayr
Ward, Rose	Dallas Center
Wilson, Faye	Hastings
Wolfe, Edward A.	Harper
Young, J. W.	Gravity
Harding, W. G.	Blair, Nebraska
Helzer, Mabel	Graham, Mo.

GRADUATES FROM THE SCHOOL OF BUSINESS.

Diploma Course.

Aten, W. G.	Underwood
Brown, Agnes	Indianola
Beatty, Frank	Ft. Dodge
McPherson, Malcolm	Indianola
Lauck, Leroy	Indianola
Smith, Ralph	Indianola
Reed, Jennie	Pleasantville

Certificate Course.

Melton, Fred	Clearfield

FIVE SEMESTER NORMAL COURSE.

Diploma Course.

Peasley, Alice V.	Indianola
Watson, Georgia	Indianola

PUBLIC SCHOOL MUSIC.

Diploma Course.

Gardner, Amy	Northwood
Rank, Pearl	Denison
Kinser, Neva	Coon Rapids

GRADUATES IN VOICE.

Certificate Course.

Critchfield, Lola	Woodburn

GRADUATES IN PIANO.

Certificate Course.

Critchfield, Lola	Woodburn

SENIORS.

(The completion of at least 85 semester hours of work required for classification as Senior.)

NAME.	MAJOR.	ADDRESS.
Anderson, Myron	Chemistry	Indianola
Anderson, Stanley	Philosophy	Indianola
Brown, Genevieve	Latin	Indianola
Butler, Carl	Chemistry	Indianola
Chase, Mabel	German	Leon
Condit, Ruth	English	Indianola
Coryell, Relta	English	Indianola
Dudley, John Merrill	Philosophy	Carroll
Dunn, Rex A.	French	Milo

Foster, Harold Reed	English	Williams
Garnes, Edna	German	Bayard
Hardin, Ray S.	Physics	Indianola
Harding, W. G.	Philosophy	Indianola
Harned, Emma	German	Indianola
Hastie, Wilma	English	Indianola
Hunsicker, Bernice	Musical Science	Indianola
Huston, Ralph	Philosophy	Russell
Jones, Oscar	Philosophy	Indianola
Karr, Lois	Mathematics	Indianola
Lauck, Lottie	German	Indianola
Leckliter, Cleo	Latin	Corning
Martin, E. C.	Philosophy	Melrose
McGranahan, Ethel	German	Indianola
Miller, Robert	Philosophy	Tingley
Morley, Fred	German	Bedford
Moss, Grace	English	Indianola
Osborn, Boyd	Philosophy	Des Moines
Piffer, John W.		Indianola
Rink, Marguerite	Philosophy	Oakland
Rusk, Frank	Philosophy	Indianola
Sells, W. A.	Philosophy	Indianola
Shriver, Beulah	French	Indianola
Snodgrass, Lenore	English	Indianola
Tilton, Besse	Physics	Indianola
Vollmar, Paul	Philosophy	Indianola
Waechter, Hattie	German	Indianola
Walker, Emma	History	Paton
Wayt, Joseph	History	Indianola
White, Edith	English	Afton
Whitney, Helen	English	Indianola
Wilson, Helen	History	Hastings

JUNIORS.

(The completion of at least 54 semester hours of work required for classification as Junior.)

Anderson, Ralph	Biology	Minburn
Bardrick, Walter	Mathematics	Indianola
Blakeman, Letha	Normal	Norfolk, Neb.

Boss, Ellen	English	Indianola
Butler, Lee	Mathematics	Indianola
Collins, Ira	Philosophy	Clarinda
Dewey, Arthur	Philosophy	Murray
Dudley, Warren	Philosophy	Indianola
Goodsell, Nelson	Philosophy	Lenox
Harp, Ruth	Normal	Prairie City
Harvey, Irene	English	De Sota
Hathaway, Ava	English	Indianola
Hazeltine, Bernice	English	Grand Junction
Healy, Hazel	Latin	Bedford
Holmes, Elmer	Philosophy	Evanston, Ill.
Jobes, Olga	English	Atlantic
Kipp, Roscoe	English	Elliott
Lamb, Doris	German	Indianola
Maxwell, Vera	Philosophy	Indianola
Moats, Francis	History	Villisca
Moore, Una	Chemistry	Indianola
Nicholas, Kate	Philosophy	Thandaung, Burma
Noble, Howard	Latin	Indianola
Perley, Hazel	English	Indianola
Piffer, Anna	English	Indianola
Potts, Lulu	German	Malvern
Ruby, Ima	Latin	Indianola
Schimelfenig, Kathryn	English	Indianola
Shaw, Mary A.	Philosophy	Indianola
Smith, Francene	Latin	Winterset
Sones, Howard	Philosophy	Indianola
Starks, Mary	English	Mitchellville
Stephens, Hugh	Chemistry	Lenox
Stubbs, Walter	Biology	Riverton
Thompson, Albert	Philosophy	Stuart
Thompson, Mary	English	Indianola
Van Vlack, Grace	Latin	Atlantic
Vollmar, Grace	English	Indianola
Weeks, Dale	Chemistry	Indianola
Wycoff, Ethel	Mathematics	Corning
Wycoff, Ray	Biology	Greenfield

SOPHOMORES.

(The completion of at least 23 semester hours of work required for classification as Sophomore.)

Archie, Jessie	Corning
Bates, Ruth	Indianola
Bennett, Sylvia	Promise City
Betts, Adelbert	Cambridge
Blakeman, Merle	Norfolk, Nebr.
Boothe, George	Indianola
Bradford, Mary	Milo
Chamberlain, Faye	Glenwood
Colburn, Jay	Harlan
Coffin, Jessie M.	Indianola
Corbin, Jay	Grant
Crabb, Eloise	Indianola
Cuthbertson, Duncan	Indianola
Cuthbertson, H. P.	Indianola
Dyke, John	Indianola
Ensley, George	Chariton
Ensley, Charles	Chariton
Ervin, Paul Glenn	Kellerton
Fleck, Warren	Indianola
Fox, Alberta	Winterset
Grimes, Margaret	Derby
Helsley, Charles	Denison
Hunnicutt, Hazel	Indianola
Hunt, Anna	Los Angeles, Cal.
Jackson, Chas.	Kellerton
Jones, Mary Eleanor	Winterset
Kastner, Vada	Boone
King, Nina	Corydon
Lundy, Hugh W.	Indianola
Mapes, Harold	Hancock
McKay, Lottie	Ogden
Miller, Joyce	Indianola
Miller, Patti	Indianola
Mitchell, Ena	Weldon
Murdock, Charles	Indianola
Naylor, Douglas	Bagley
Peck, Harold	Indianola
Pote, Lelah	Stuart
Rimmel, Warden	Malvern
Ruggles, Ethel	Des Moines
Saul, Chas.	Denison
Saur, Theodore	Indianola
Schrier, Edna Mae	Indianola
Shupe, A. G.	Liberty Center
Simmers, John	Indianola
Slocum, Edwin	Indianola
Spry, Margery	Clarinda
Stevens, Ralph	Hancock

Stubbs, William	Riverton
Tallman, Mae	Underwood
Trumbo, Rollo C.	Indianola
Weldin, Cleo	Indianola
Wilson, Glen	Clearfield
Winslow, Marie	Indianola

FRESHMEN.

Adams, Arthur	Indianola
Agan, Norma	Glenwood
Anderson, Hilma	Perry
Anderson, E. J.	Indianola
Baird, Gladys	Malvern
Barborka, Clifford	Denison
Barger, Harold	Indianola
Barker, Edith	Indianola
Bartholomew, Walter	Indianola
Beach, Merritt	Indianola
Beckwith, Chas. Henry	College Springs
Benway, Alice Belle	Kellerton
Bladon, Mabel	Diagonal
Blattenberg, Clare	Indianola
Blaylock, John	Grand Junction
Braucht, Repha	Indianola
Brown, Fletcher	Des Moines
Brown, Paul	Indianola
Buchanan, Anna	Clearfield
Bull, Wilma	Allerton
Carter, Lucile	Burlington Jct., Mo.
Crabb, Eloise	Indianola
Cunningham, Fenner	Allerton
Dickey, John	Griswold
Ditto, Ethel	Indianola
Dixon, Viola Glenne	Sidney
Dunn, Verna	Beardstown, Ill.
Falls, Orr	Diagonal
Finley, Alice	Red Oak
Fish, Clarence	Cambridge
Frye, Ermile	Green City, Mo.
Galvin, Mabel	Walnut
Gray, Mildred	Chariton
Griffin, Cecil E.	Montezuma
Groves, H. R.	Phoenix, Ariz.
Gump, Elbert	Seymour
Hamilton, Wm.	Indianola
Hammers, Amy	Malvern
Harris, Earl	Indianola
Harter, Gertrude	Perry
Hastie, Helen	Indianola
Henderson, V. W.	Indianola
Hill, Archie R.	Villisca
Hobson, Helen	Indianola

Hollingsworth, Lena	Milo
Jepsen, Edna	Clearfield
Jewett, Halleck	Indianola
Johnson, Carl	Indianola
Johnson, Mabel	Indianola
Johnson, Martha Lucile	Boone
Jones, Marcus E.	Denison
Kelly, Kathryn	Dallas Center
King, Quinn	Indianola
King, Regna	Corydon
Kunze, Edward	Lewis
Larson, Florence	Cambridge
Larson, Jessie	Cambridge
Long, Bessie May	Mount Ayr
Manker, Dean	Elliott
Martin, Claude	Grand Junction
Matthews, Helen	Guthrie Center
May, Wm. R.	Mount Ayr
McClure, Gretchen	Indianola
McGriff, Jennie	Carlisle
Merritt, Vera	Mount Ayr
Merritt, Vesta	Mount Ayr
Miller, Roy L.	Indianola
Mitchell, Ella Ruth	Orilla
Moats, Harlan	Villisca
Moats, Ray	Villisca
Morris, Olive	Derby
Newman, Chesley	Northboro
Noble, Ernest	Indianola
Peck, Glen	Indianola
Peck, Grace	Indianola
Peterson, Fred	Avoca
Peterson, Mirma	Indianola
Pickard, Clarence	Indianola
Pickard, Fannie	Indianola
Piffer, Robert	Indianola
Pote, Harold	Stuart
Roberts, Mae	Boone
Rowley, Laurie	Adair
Rundberg, Donald	Yale
Salyers, Lawrence	Malvern
Samson, Emory	Des Moines
Savon, Eunice	Indianola
Schofield, Vera	Carson
Shaw, Ernest	Indianola
Sheppard, Jenave	Mount Ayr
Sinnott, Goldie	Valley Junction
Stewart, Emile	Indianola
Stittsworth, Ferne	Knoxville
Stone, Hurford,	Indianola
Suman, Mary	Indianola
Taylor, Romayne	Villisca

Thompson, Ruth	Indianola
Thorn, Allyn	Montezuma
Throckmorton, Scott L.	Chariton
Tinsley, Marie	Harlan
Tyler, Daisy	Villisca
Vinall, Jessie	Indianola
Waechter, Susie	Indianola
Watson, Julia	Indianola
Weingart, Gladys	Carlisle
Weinman, W. C.	Indianola
White, Owen	Indianola
Williams, Jay	Wall Lake
Williams, Solon	Indianola
Wolfe, Edward	Harpers
Wright, Margaret	Indianola
Yarnall, Mamie G.	Carlisle
Young, James W.	Gravity

ACADEMY.

FOURTH YEAR.

Anderson, Neil	De Soto
Benway, Orpha Mae	Kellerton
Bingaman, Mary	Corinne, Sask., Canada
Bracewell, A. M.	Indianola
Brown, Victor	Villisca
Bullis, Harry A.	Council Bluffs
Burgoon, Mabel	Paton
Carlson, Edith	Hastings
Daft, Glenn	Griswold
Dunn, Max S.	Milo
Dyer, George	Pleasantville
Ervin, Frank	Kellerton
Gard, Ethel	Grand River
Heyen, Howard	Northport, L. I., N. Y.
Hutcheson, Faye	Blanchard
Jackson, J. B.	Orient
Kern, Herman	Norwalk
Kimsey, Florence	Milo
Neil, Blanche	Corning
Plumb, Wm.	Bagley
Prall, Lola Mae	Carlisle
Rush, Mae	Indianola
Schmidt, Merma	Hancock
Scott, Shirley Z.	Orient
Sharp, Goldie May	Promise City
Shore, Lester	Russell
Smith, Thomas	Orient
Trumbo, Charles	Indianola
West, Ellis	Garden Grove
Wright, Howard	Indianola

THIRD YEAR.

Cummings, A. L.	Redfield
Hanna, June	Knoxville
Haupert, Frank	Jamaica
Kaessner, Carl	Omaha, Nebr.
Kennedy, Mildred	Nodaway
Kimsey, Florence	Milo
Knapp, Frank R.	Des Moines
McGrady, Walter	Redding
Morris, Sydney	Commerce
Nelson, A. J.	Indianola
Nicholson, Grace	Merino, Colo.
Norris, Vera	Diagonal
Shore, Bessie	Russell
Smith, Earl	Milo
Snider, J. J.	Marion
Taylor, Roy D.	Nevinville
Wilson, Effie	Hastings

UNDER THIRD YEAR.

Clarke, Carl	Indianola
Cole, Ralph A.	Indianola
Farquhar, Lisle	Orient
Farr, Juno Faye	Madrid
Henry, H. A.	Carlisle
Henry, Harry	Van Meter
Hillis, Marjorie	Churdan
Johnson, Carl W.	Indianola
Kelly, Hazelle	Dallas Center
McGriff, Nellie	Carlisle
McPherson, Malcolm	Indianola
Meredith, Ezra	Atlantic
Peacock, Walter	Diagonal
Phillips, Burgess	De Soto
Phillips, George	De Soto
Ray, Nellie	Orient
Stump, G. W.	Golden City, Mo.
Tippett, Mrs. Susan	Indianola
Walsh, Raymond	Audubon
Wilkins, Walter	Stuart

SCHOOL OF BUSINESS.

Anderson, Myron	Indianola
Anderson, Stanley	Indianola
Andrews, Kenneth	Indianola
Bartholomew, Walter	Indianola
Betts, Adelbert	Cambridge
Brown, James Herman	Hartford
Christian, George	Lewis
Collins, Ira K.	Clarinda

Cooper, Kathryn	Prairie City
Coryell, Relta	Indianola
Cummings, E. B.	Indianola
Dietrich, Russell	Indianola
Dunn, Rex	Milo
Dunn, Verna	Beardstown, Ill.
Elwood, H. D.	Owatanna, Minn.
Embree, Arthur	Elliott
Ervin, F. R.	Kellerton
Ervin, Paul	Kellerton
Farquhar, Lisle H.	Orient
Foster, Harold Reed	Williams
Graham, James	Indianola
Graves, Nile	Indianola
Goodsell, Nelson	Lenox
Groves, H. R.	Phoenix, Ariz.
Harp, Ruth	Prairie City
Heinbaugh, Harry	Lewis
Hiatt, Wilson	Indianola
Hill, Roy	Villisca
Hoffman, Ivan M.	Redding
Howard, Edna	Chariton
Huston, Ralph	Russell
Heyen, Howard	Northport, L. I., N. Y.
Jacoby, Elmer	Knowlton
Johnson, Carl	Indianola
Jones, Oscar	Indianola
Kent, Fred	Indianola
Kern, Herman	Norwalk
King, Merrill S.	Diagonal
Kipp, Roscoe	Elliott
Kunze, Edward	Lewis
Kunze, Herman	Lewis
Melton, C. E.	Clearfield
Melton, Fred	Clearfield
Martin, E. C.	Melrose
Miller, Robert	Tingley
Miller, Roy	Indianola
Mitchell, R. D.	Orilla
Mitchell, Morton L.	Orilla
Moats, Ray R.	Villisca
Multhraup, Bruce	Lewis
Murdock, Charles	Indianola
Nichols, Guy	Ackworth
Nicholls, Vida	Villisca
Noble, Howard	Indianola
Piffer, John W.	Indianola
Piffer, Robert	Indianola
Price, Helen	Indianola
Salyers, Lawrence	Malvern
Savin, Eunice	Indianola
Sayre, Raymond	Indianola
Schrieber, Cecil O.	Indianola

Sells, W. A.	Indianola
Seibert, Louis	Indianola
Shanahan, Thomas	Kent
Sharp, Oscar D.	Promise City
Shoemaker, Ralph	Rippey
Smith, Howard	Indianola
Stone, Hurford	Indianola
Stubbs, Wm. E.	Riverton
Stump, W. G.	Golden City, Mo.
Tomlinson, Marion	Cambridge
Trumbo, C. H.	Indianola
Trumbo, R. C.	Indianola
Vollmar, Paul	Indianola
Weinman, W. C.	Indianola
White, Owen	Indianola
Whitney, Helen	Indianola
Woodruff, Sylvia	Wick

SCHOOL OF MUSIC.

Adams, Armelia J.	Des Moines
Adams, Doris	Des Moines
Ambrose, Eva	Des Moines
Archie, Jessie	Corning
Ashmore, Theda	Hepburn
Ault, Eunola	Braddyville
Baker, Bonna	Audubon
Barborka, Clifford	Denison
Barton, Vesta	Indianola
Bellman, Edna	Indianola
Bitting, Carrie	Indianola
Bolibaugh, Rosetta	Osceola
Bradshaw, Mary	Indianola
Broadas, Mildred	Indianola
Brice, Alice	Dallas
Burdett, Rose	Creston
Burgoon, Mabel	Paton
Butler, Ruby	Indianola
Carpenter, Kathryn	Indianola
Carter, Lucile	Burlington Jct., Mo.
Catterlin, Fern	Winterset
Chandler, Elva	Hamburg
Chandler, Zilpha	Kellerton
Chase, Ruth	Leon
Clark, Mrs. J. C.	Indianola
Clark, Merrill	Indianola
Cole, Dorothy	Des Moines
Cooper, Kathryn	Prairie City
Cox, Olive	Dallas
Cunningham, Fenner	Allerton
Darnall, Pearl	Winterset

Davitt, Anna	Indianola
De Witt, Maude	Elliott
Dickey, John	Griswold
Douglas, L.	
Dudley, Harold	Indianola
Dudley, Warren S.	Indianola
Egli, Anna	Grand Junction
Engledue, Alice	Indianola
Ervin, Beatrice	Kellerton
Falls, Orr	Diagonal
Farlow, Ruby	Indianola
Finney, Nellaby	Des Moines
Fry, Rema	Knoxville
Gardner, Amy	Northwood
Garnes, Edna	Bayard
Geisler, Viola	Mingo
Gibson, Lura	Coin
Gray, Mildred	Chariton
Griffin, Cecil	Montezuma
Hanna, June	Knoxville
Haupert, Frank	Jamaica
Hiatt, Helen	Milo
Hobson, Helen	Indianola
Hopper, Byron	Indianola
Hopper, Dorothy	Indianola
Howser, Jessie	Indianola
Hunnicutt, Hazel	Indianola
Hunsicker, Bernice	Indianola
Hunsicker, Mrs. C. L.	Indianola
Hurst, Georgia	Leon
Igo, Agatha	Indianola
Iler, Leola	Indianola
Jackson, J. B.	Orient
Jenks, Ethel	Tingley
Jepsen, Edna Louise	Clearfield
Johnson, Lucile	Boone
Johnson, Mildred	Indianola
Jones, Mrs. Oscar	Indianola
Judkins, Kathryn	Indianola
Kelley, Kathryn	Dallas Center
Kimsey, Lochie	Milo
Kurtz, Florence	Indianola
LaMar, Grace	Sheridan, Mo.
Lane, Edna	Des Moines
Lawson, Edythe	Des Moines
Leveke, Ruth	Winterset
Lippincott, Otus G.	Indianola
Long, Bessie	Mount Ayr
Lukin, Don	Indianola
Machlan, Ethel	Weldon
Martin, Faye	Gravity
Maynard, Gail	Indianola
McCombs, Blanche	De Soto

McCormick, Ethel	Indianola
McCormick, Nathalie	Indianola
McNair, Evelyn	Milo
Meek, Mildred	Indianola
Merritt, Vera	Mount Ayr
Merritt, Vesta	Mount Ayr
Miller, Lucile	Coin
Mitchell, R. D.	Orillia
Mullenburg, Josephine	Knoxville
Naylor, Douglas	Bagley
Nichols, Vida	Villisca
Nourse, Linnie	Minburn
Peacock, Walter	Diagonal
Perley, Ernest	Indianola
Piffer, Anna	Indianola
Price, Dorothy	Indianola
Regan, Leslie	Indianola
Reid, Alice	Bedford
Ribbe, John	Oskaloosa
Roberts, Pansey	Dawson
Rogers, Winifred	Lenox
Ross, Florence	Little Rock
Saul, Alice	Denison
Schafroth, Huldah	Nodaway
Schofield, Vera	Carson
Schmidt, Lela	Hancock
Schmidt, Tilda	Audubon
Scroggs, Harriett	Indianola
Sigler, Helen	Indianola
Slocum, Olive	Indianola
Spry, Margery	Clarinda
Smith, Howard	Indianola
Smith, Mabel	Indianola
Schmidt, Merna	Hancock
Sperow, Wendall	Indianola
Stahl, Bessie	Diagonal
Stittsworth, Ferne	Knoxville
Suman, Mary	Indianola
Summers, Eula	Indianola
Summers, Hazel	Indianola
Swartslander, Guy	Indianola
Talbot, Mrs. Bryce	Indianola
Ticknor, Ruby	Grand River
Tomlinson, Grayce	Cambridge
Throckmorton, Scott L.	Chariton
Vollmar, Kathryn	Indianola
Waechter, Susie	Indianola
Walker, Emma	Paton
Ward, Gladys	Grand Junction
Warren, Mellie	Indianola
Weinman, Effie	Indianola
Weinman, W. C.	Indianola

White, Edith	Afton
Williams, Hazel	Indianola
Williamson, Eleanor	Indianola
Wilson, Effie	Hastings
Wilson, Glen	Clearfield
Wilson, Helen	Hastings
Woodfill, Carrie	Gravity
Woodward, Laura R.	Indianola
Worth, Josephine	Indianola
Wright, Ralph	Indianola
Wright, ——	Indianola

SUMMER SCHOOL ALL DEPARTMENTS.

Anderson, Clarice	Perry
Anderson, Helen	Indianola
Anderson, Stanley	Indianola
Barker, Pearl	Indianola
Bissett, Nellie	Indianola
Bland, Lura	Prole
Braucht, Repha	Indianola
Burns, Caroline	Indianola
Burns, Jean	Indianola
Butcher, Eldon	Indianola
Carlin, Hattie	Indianola
Carnes, Leta	Indianola
Chase, Josephine	Indianola
Clark, Claude	Indianola
Connoran, Irene	Indianola
Coryell, Relta	Indianola
Cuthbertson, Margaret	Indianola
Dickey, John	Griswold
Dooley, Harry	Atlantic
Douglass, Lucile	Indianola
Dyer, Ruth	Indianola
Graham, James	Indianola
Hadley, Agnes	Indianola
Harshbarger, P. R.	Indianola
Heime, Alice	Indianola
Heime, Hazel	Indianola
Hendrickson, Elsie	Indianola
Hightower, C. B.	Carlisle
Hoffman, Ivan	Redding
Holmes, Roy	Indianola
Honnold, Junia	Indianola
Hunnicutt, Pearl	Indianola
Hunt, Marion	Indianola
Job, Lester	Indianola
Kimsey, Lochie	Milo
Kinser, Neva	Coon Rapids
Lippincott, Mary Ferne	Alden, Kansas
Malone, Olive	Indianola

Manker, O. P.	Elliott
Marshall, Harold	Indianola
Marshall, Veda	Indianola
Mathews, Wm.	Blanchard
Maxwell, Vera	Indianola
McGranahan, Ethel	Indianola
McPherson, Malcolm	Indianola
Morley, Alice	Indianola
Motherhead, Maude	Milo
Nichol, Eloise	Indianola
Nicholas, Kate	Thandanng, Burma
Potter, Olive	Griswold
Parsons, Ruth	Lewis
Pennington, Blanche	Indianola
Porterfield, Dorothea	Indianola
Rusk, Frank	Indianola
Schreiber, Will	Indianola
Sells, W. A.	Indianola
Summers, Eula	Indianola
Tilton, Besse	Indianola
Truitt, Harold	Indianola
Trimble, Virgil	Indianola
Vollmar, Paul	Indianola
Weeks, Dale	Indianola
Weeks, Faune	Indianola
Weeks, Fern	Indianola
Whitney, Helen	Indianola
Wilkinson, Gretta	
Wright, Helen	Indianola

Summary

COLLEGE OF LIBERAL ARTS.

Seniors	41	
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Sophomores	54	
Freshmen	113	249

THE ACADEMY.

Fourth Year	30	
Third Year	16	
Unclassified	20	66
School of Business	78	
School of Music	149	
Summer School 1912	68	295
Grand Total		610
Counted More Than Once		75
Net Total		535

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5 H
13-14

Fifteenth Series QUARTERLY BULLETIN Number 3

CATALOGUE

OF

SIMPSON COLLEGE

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

PUBLISHED BY THE COLLEGE
INDIANOLA, IOWA
1914

HOPPER GYMNASIUM--SIMPSON COLLEGE

QUARTERLY BULLETIN
OF SIMPSON COLLEGE

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The Catalogue

1914-1915

1. COLLEGE OF LIBERAL ARTS
2. ACADEMY
3. CONSERVATORY OF MUSIC
4. SCHOOL OF BUSINESS
5. NORMAL COURSES

INDIANOLA, IOWA

Calendar of College Events

1914-1915

June	8	Monday, Summer School begins.
July	31	Friday, Summer School ends.
Sept.	14	Monday, Registration begins.
Sept.	15	Tuesday, Registration continues.
Sept.	16	Wednesday, 8:00 A. M., Classes begin.
Sept.	16	Wednesday, 8:00 P. M., Fall Convocation.
Sept.	19	and 26, Saturday, Entrance Examinations.
Oct.	22	Thursday, College Missionary Day.
Nov.	25	Wednesday, 4:25 P. M., Thanksgiving Recess begins.
Dec.	1	Tuesday, 8:00 A. M., Thanksgiving Recess ends.
Dec.	18	Friday, 4:25 P. M., Holiday Recess begins.

1915

Jan.	5	Tuesday, 8:00 A. M., Holiday Recess ends.
Jan.	26	to 28, Mid-Year Examinations.
Feb.	1	Monday, Registration.
Feb.	2	Tuesday, 8:00 A. M., Classes begin.
Feb.	2	Tuesday, 8:00 P. M., Winter Convocation.
Feb.	11	Thursday, Day of Prayer.
Feb.	24	Wednesday, College Day.
April	1	Thursday, 4:25 P. M., Easter Recess begins.
April	6	Tuesday, 8:00 A. M., Easter Recess ends.
June	6	Sunday, Baccalaureate Sermon.
June	6	Sunday, College Vesper Service.
June	8	Tuesday, Class Day.
June	9	Wednesday, Alumni Day.
June	10	Thursday, Forty-eighth Annual Commencement.

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G. A. WORTH	*Indianola*

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HON. BENJ. F. CLAYTON	*Indianola*
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E. D. SAMSON
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W. M. DUDLEY
C. R. BRENTON

The Faculty

(Arranged in the order of seniority except President and Vice-President)

FRANCIS L. STRICKLAND, Ph. D., D. D.

President, and Professor of Biblical Literature and Philosophy of Religion.

A. B., New York University, 1893.
S. T. B., Boston University School of Theology, 1896.
Graduate Student Boston University, 1896-97.
Graduate Student Berlin University, 1897-98 on the Jacob Sleeper Fellowship, of Boston University.
Ph. D., Boston University, 1904.
D. D., Baker University, 1911.
410 *West Girard Avenue.*

W. M. DUDLEY, D. D.

Vice-President and Financial Agent.

B. S., Iowa State College, 1882.
S. T. B., Garrett Biblical Institute, 1886.
D. D., Garrett Biblical Institute, 1912.
508 *North B Street.*

W. E. HAMILTON, A. M., D. D.

Professor of Philosophy (Emeritus)

JOHN L. TILTON, A. M., Ph. D.

Professor of Geology and Physics.

A. B., Wesleyan University, Middletown, Conn., 1885.
Graduate Student and Assistant, 1886-8. A. M., 1888.
Graduate student in Geology, Harvard University, 1894-5. A. M., 1895.
Fellow in Geology at The University of Chicago, 1902-3. Ph. D., 1910.
405 *North B Street.*

JOANNA BAKER, A. M.

Professor of Greek Language and Literature, Associate Professor of Latin.

A. B., Cornell College, 1882.
A. M., DePauw University, 1889.
A. M., The University of Chicago, 1903.
411 *North B Street.*

E. L. MILLER, B. C. S.

Principal of School of Business.

B. C. S., Tri-State Normal School.
210 *West Iowa Avenue.*

FRANK E. BARROWS.

Director of Conservatory of Music. Instructor in Piano, Pipe Organ and History of Music.

Graduate Oberlin Conservatory of Music.
Student of Music, Berlin, Germany.
301 *North Howard Street.*

MARY O. HUNTING, A. M.

C. E. Carpenter, Professor of Latin Language and Literature. (Chair endowed by Mr. and Mrs. Harry E. Hopper.)

A. B., Alma College, 1893.
A. M., University of Michigan, 1902.
508 *North A Street.*

EDWIN A. JENNER. A. M.

Professor of Biology.

B. S., Simpson College, 1903.
Graduate Student University of Iowa, 1904-05.
Fellow in University of Wisconsin, 1906-07.
A. M., University of Wisconsin, 1907.
Corner Detroit and North C Street.

J. ALLEN BAKER, M. S.

Professor of Chemistry.

B. S., Denison University, 1907.
M. S., Ibid, 1908.
1001 *North B Street*

HILDEGARDE JEND, A. M.

Professor of German Language and Literature.

A. B., German Wallace College.
A. M., University of Michigan.

DUDLEY D. GRIFFITH, A. B.*

Professor of English Literature.

A. B., Simpson College, 1903.
Graduate Student University of Chicago, Summer Sessions, 1910-11-12.

CLYDE W. EMMONS, A. M.

Professor of Mathematics and Astronomy.

A. B., Albion College, 1903.
A. M., University of Illinois, 1909.
Graduate Student University of Illinois, 1909-10.
1009 *North B Street.*

JOHN P. MORLEY, S. T. B., A. M., PH. D.

Wm. Buxton Professor of Philosophy.
(Chair endowed by Wm. Buxton.)

A. B., Simpson College, 1893.
A. M., Simpson College, 1895.
S. T. B., Garrett Biblical Institute, 1895.
Graduate Student Harvard University, 1900-01.
Ph. D., Boston University, 1902.
501 *West Ashland Avenue.*

* On leave of absence (at The University of Chicago).

ALLEN M. RUGGLES, A. M.

Professor of Education and Principal of Academy.

A. B., University of Wisconsin, 1906.
Graduate Student, Ibid, 1906-07.
Graduate Student Columbia University, 1909-11.
A. M., Columbia University, 1911.
808 *North B Street.*

GRACE HAYWARD, A. M.

Assistant Professor of English Literature.

A. B., University of Kansas, 1905.
A. M., Ibid, 1907.
A. M., Columbia University, 1911.

LEVI P. GOODWIN, A. M.

Professor of English and Public Speaking.

A. B., Albion College, 1910.
A. M., Ibid, 1913.

AUBREY W. GOODENOUGH, A. M.

Acting Professor of English Literature.

A. B., Oberlin College.
A. M., Yale University.

A. CONN KLINGER, A. M.

Professor of History and Political Science.

A. B., Ohio Wesleyan University.
A. M., University of Wisconsin.

LOUISE WELLWOOD, A. M.

Professor of French Language and Literature.

A. B., University of Kansas.
A. M., College of the City of New York.

MRS. ELIZABETH MARTIN, A. B.

Dean of Women.

HAROLD IDDINGS.

Director of Physical Culture.

JUNE HAMILTON-RHODES.

Director of Physical Culture for Women.

INSTRUCTORS

JOSEPHINE McCLEARY, Ph. M.

Instructor in German.
306 *North Second Street.*

CARRIE VAN GILDER.
Instructor in Normal Methods.

GRACE BEAM, A. B.
Instructor in Mathematics.

OWEN EMMONS, A. B.
Instructor in Physics and Mechanical Drawing.

Albion College, 1913.

ANTOINETTE B. STRICKLAND.
Instructor in Drawing.

Graduate John Crouse College of Fine Arts of Syracuse University.

W. A. LARIMER.
Instructor in Stenography and Typewriting.

EVERETT OLIVE, Mus. B.
Instructor in Piano and Harmony.

Simpson College Conservatory of Music, and Berlin, Germany.

EFFIE SILLIMAN-KIMER.
Instructor in Public School Music and Normal Methods in Music.

PERSIS HEATON, Mus. B.
Instructor in Piano.

HERBERT A. HARVEY.
Instructor in Violin.

Graduate Adolph Hahn School of Violin Playing, Cincinnati, O.

ELLIS M. RHODES.
Instructor in Voice Culture.

Student of Voice in Berlin, and under Breda, Milan, Italy.

OTHER OFFICERS

MAIDE BAKER, A. B.
College Librarian.

JOSEPHINE McCLEARY, Ph. B.
Assistant Librarian.

MABEL CHASE.
Second Assistant Librarian.

NELLIE E. HARRIS, Mus. B.
Secretary of the Conservatory.

FLORENCE SCHEE, A. B.
Secretary to the President.

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ABSENCES AND EXCUSES—Dr. Tilton, Prof. J. A. Baker, Mrs. Martin.

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BADLEY-SCHEE CONTEST—Prof. Goodenough.

BUXTON ORATORICAL—Prof. Ruggles.

COLLEGE DEVOTIONAL MEETING—Dr. Strickland, Dr. Morley.

COLLEGE COUNCIL—Dr. Strickland, Prof. Emmons, Mrs. Martin.

ENTRANCE—The Registrar, Profs. Jenner, Ruggles and Joanna Baker.

DEBATE COUNCIL—Professors Goodwin, Goodenough and Ruggles.

EVANGELISM—Dr. Strickland, Miss Jend, Dr. Morley, President of the Y. M. C. A., President of the Y. W. C. A., and Chairman of the Committee on Evangelism, Y. W. C. A.

COLLEGE DAY—Prof. Tilton, Miss Haywood, Miss Wellwood, Prof. Goodenough.

LIBRARY—Professors Tilton, Hunting, Klinger, Ruggles.

MISSIONARY—Miss Baker and one student appointed from each class by the faculty.

WEST ORATORICAL CONTEST—Chairman, Prof. Goodwin.

ZENITH—Professors J. A. Baker, Ruggles.

Historical Sketch

SIMPSON COLLEGE is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the citizens of the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened it "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. Of the original board of trustees, Dr. J. D. McCleary, of Indianola, and Rev. E. H. Winans, of Los Angeles, are the only surviving members. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. A small depression marks the place. The campus included one block, about one-fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fall of 1866, by which time the seminary had shown a vigorous growth and the need of a college became apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president and gave the new institution the name of "Simpson Centenary College," in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyally stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow but it was substantial.

President Berry died in February, 1880. In the spring of the same year, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next president was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inaugurating a period of growth and expansion. Dr. Hamilton resigned to enter the ministry in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1893, when he desired to return to the ministry, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton in June, 1910, Francis L. Strickland was elected.

The growth of the college during recent years is attested by the fact that half of her 650 alumni have graduated during the past ten years.

The last four years have witnessed the greatest advance in material things of any period in the history of the college. During this time the productive endowment has been raised from $76,000 to $255,000. A fine gymnasium costing $95,000 has been added to the equipment, through the splendid generosity of Mr. Harry Hopper. The faculty has been enlarged by the addition of four new chairs. The Library also has been augmented by the addition of about four thousand five hundred volumes, mostly new.

General Information

LOCATION.

SIMPSON COLLEGE is located at Indianola, Warren county, Iowa. The town has about 4,000 inhabitants. There are modern improvements such as waterworks and electric power plant, and sewerage system. Indianola has had no saloons for many years, as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Island railroad make it easy of access from the Capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS.

The campus comprises about ten acres, a part of it wooded with venerable maples. There are seven buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms, and the halls of the literary societies. The Science hall accommodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college office, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory. The Hopper gymnasium is on North C street and faces the campus. The building of the Conservatory of Music stands at the northeast corner of the campus. The College maintains its own water system. These buildings are connected by cement walks and the campus is well lighted by electroliers.

THE LIBRARY.

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It provides a reading room, alcoves, stack rooms and a small auditorium, known as Oratory Hall. The library contains nine thousand volumes carefully selected with reference to college work. The books are classified according to the most approved library methods.

A large number of the best periodicals are regularly received.

The library is open from 8 A. M. to 9 P. M.

THE MUSEUM.

There is a small museum containing the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representing all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region and ferns from India.

THE BIOLOGICAL LABORATORY.

The biological laboratory is provided with water, gas, and electric lights. There are forty compound microscopes, and the various other instruments, reagents, and staining fluids needed for individual work. There is a set of Harvard physiological apparatus, a Minot's microtome suitable for the finest work, water baths, incubators and sterilizers. In addition to the collections in the museum cases there are special collections of illustrative material for student study, microscope slides, both botanical and histological, lantern slides, charts and a departmental library.

THE EARTH SCIENCES.

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographical maps, including a set of seven duplicates of the maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer, barometer, barograph, therograph, thermometers, a twenty-four inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photographic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustrations before the classes,

whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is needed for his work. A side room between the laboratory and the lecture room contains the departmental library and three fine chemical balances. The lecture room of the department is equipped with a Spencer Delineascope of the latest model.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage battery, the other a smaller outfit (375 watt) with a set of accessories for work with both direct and alternating currents. The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, Heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurements in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: A fine balance, a Seth Thomas clock with electrical connections, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reimann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Western wattmeter, millivoltmeter, milliammeter, voltmeters and ammeters; Leed and Northup earth inductor and ballistic galvanometer; tangent and astatic galvanometers, testing set, induction coils, millihenry standard, X-ray outfit, camera, projection lanterns, spectrometer, microscope with accessories for the polarization of light.

THE GYMNASIUM.

The new Gymnasium, the gift of Mr. and Mrs. Harry E. Hopper, is one of the most modern and complete buildings of its kind in the Middle West. It was built at a cost, including equipment, of $95,000. The length is 120 feet and the width 106 feet, and three stories high.

On the first, or basement floor, are located the Men's locker rooms with capacity for 400 steel lockers. There are twelve shower baths conveniently arranged. The bath rooms and toilet rooms are finished in white marble and tile.

In the East part of the building are the Women's locker rooms with capacity for 300. There are nine baths around each of which are grouped lockers and dressing rooms. An admirable arrangement of these affords both convenience and complete privacy. The equipments of the men and of the women are separated by a solid brick wall and there is no access from one part of the basement to the other except from the outside. Besides this there is a separate equipment of lockers, baths, etc., for the visiting teams. Conveniently arranged are sweat room, store rooms for suits and a steam drying apparatus. A notable feature on this floor is the indoor practice room, with a length of 117 feet, a width of 19 feet, a ceiling of 25 feet. The floor is of dirt. This room is for various practice work such as broad and high jumping, pole vaulting, and pitching.

On the Main floor is the Exercise Room, 117x70 feet. There is ample room on the floor for a large basketball court 50x90 or two practice courts placed transversely 40x56. On this floor are offices for the Physical Directors. On the Gallery floor is the Running Track, 18 laps to the mile. This track is built on the most approved modern curves and finished with a heavy cork floor. Part of the Gallery may be used as a balcony to accommodate spectators. On this floor are the trophy room, the janitor's office and a large club room.

The equipment of lockers, etc., were furnished by the Narragansett Machine Company, and are the best made.

This fine gymnasium adds greatly to the attractiveness of the Physical Culture and to the strength of Simpson's Athletics. It is a splendid monument to the loyalty and liberality of one of Simpson's most honored sons.

ATHLETICS.

Simpson College gives every encouragement to clean athletics. We insist that our men shall be gentlemen in the contests, and show the high-grade sportsman-like spirit in all athletic activities. Athletics is not a business at Simpson. It is a sport—enjoyed for its own sake and the physical benefits derived from it.

Every registered student is a member of the Athletic Association. The athletic field has a fifth-mile track, baseball field and tennis courts.

Two hours a week will be required of all students in physical culture, for which one semester hour's college credit for the year will be given.

THE AIM OF THE COLLEGE.

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly and professedly Christian. The college was founded by men who loved the Christian faith and its work is being carried on by those who believe that education means not only mental training but the culture of Christian character.

While not a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE.

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained.

The work in English Bible is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student a firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President or some visiting speaker on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7 to 8 the College Prayer Service is held. These meetings are led by the President or some one appointed by him, and are well attended.

During the year a week of special services is held, and the Day of Prayer for colleges is observed. These meetings have been the means of deepening the religious life of many.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible and Mission Study classes.

The students of the college are made very welcome in the church life at Indianola. Every student is expected to be regular in attendance upon the services of the Church of his or her choice.

GOVERNMENT OF THE COLLEGE.

The college administration seeks to develop in the student the principles of self-government. We ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college or who shirks and loafs may not stay with us.

There is a College Council which takes care of all minor matters of discipline. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Con-

servatory. The President and a member of the faculty are members. Meetings are held at stated intervals, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched but fully trusted at examinations. At the close, each signs a statement pledging the word of honor that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the honor system are reported to the College Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS.

There are seven Literary Societies, five in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are of college rank, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are of college rank, and meets every Friday evening.

The Alpian Society, organized in 1891, is composed of women who are of college rank, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are of college rank, and meets every Friday evening.

The Crescent Literary Society, organized in 1911, is composed of women who are of college rank, and meets every Friday afternoon.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies. Their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS.

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the student body.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of December, February, April and May. The third number each year is the annual catalogue.

The Zenith is the College Annual. It is published by the Junior class and appears each year on the first of May.

PUBLIC LECTURES.

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W. C. A. lecture course brings the best talent of the country before the students each year.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject of literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schlee Prize. These are marked on a scale of one hundred for thought, one hundred for composition, and fifty for delivery.

The Oratorical Prizes, the gift of Rev. Victor West, of Des Moines Conference, $25.00 (first prize $15, second prize $10) in gold, are awarded to members of the college who shall write and deliver the best English orations. The maximum limit of these orations is two thousand words. Each undergraduate literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock P. M. on the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

The Marsh Prize, consisting of a gold medal, is awarded to the winner in the Home Oratorical Contest each year. This prize is given by Mr. John Horsley, of the class of 1909.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society winning the series of inter-society debates arranged between the five collegiate literary societies.

COLLEGE HONORS.

At the close of each semester each instructor of college classes may report to the Registrar the names of honor students as follows: One student from each class having from one to thirty students enrolled, two from each class having from thirty-one to fifty students, three from each class having from fifty-one to seventy, and so on. The term class shall be construed to include all sections of any course. College students making up academy work shall not be reported for honors in that work.

The report from the commercial department and the Conservatory of Music shall be made at the end of the scholastic year and shall be based upon the number of college students who complete the courses for which credit toward the A. B. degree is given.

At the close of the year, the Registrar shall make a list of the ten students who rank highest in honor-hours. In case of a tie for tenth place, the faculty shall decide the tie. No student shall be considered for honors unless he is reported as an honor student from more than one class. The list arranged alphabetically shall be announced at the Commencement exercises and published in the college catalogue.

Those members of the graduating class whose names appear upon the honor list their senior year and have appeared upon honor lists at least two other years, shall be awarded suitable honor emblems at the time of graduation.

DEPARTMENTAL HONORS.

Any person wishing to receive departmental honors, must secure the consent of head of the department in which he has taken his major to prepare a thesis. The subject of this thesis must be selected and the consent of faculty secured by December 1st preceding the date of proposed graduation.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete in a satisfactory manner the required number of semester hours of college work.

The Degree of Bachelor of Music is conferred on those who comply with all requirements for unconditional entrance to the College of Liberal Arts and who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the departments should be made to the President at least three months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

WOMEN'S DORMITORY.

Mary Berry Hall, the women's dormitory, is a substantial brick building with well ventilated rooms, lighted by electricity, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the Hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, etc. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent is due when possession is taken and is $18 per semester. This includes heat and light.

It is the settled policy of the College to furnish good meals at cost. During the current year a charge of $3.25 per week has been found necessary.

Citizens of Indianola who rent rooms to students are required to send each month a written report in prescribed form to the President answering questions in regard to the observance of College regulations on the part of the students in their homes. The renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS.

If you arrive in September on the day before the opening of the semester or the first day of the semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will be at your service. In the absence of such representatives come at once to the college offices, and there you can receive directions and such help as you need.

The evening trains arrive just at supper time. Come immediately to the College boarding hall, where temporary arrangements can be made for your comfort.

All the College buildings are upon the campus, located one block directly west of the Rock Island station, and two blocks west of the C., B. & Q. station.

REGISTRATION.

New students should register at the earliest opportunity. Before registration each student must see the Committee on Entrance. Grade sheets from high school, and other credentials should be presented. The Committee will advise as to classification and what studies should be included in registration for the first semester.

Sophomores who have not yet selected their major must be advised by the President before they register. Those who have selected their group (Sophomores and Juniors) must have been advised by the professor of their major study before they will be permitted to register. Tuition and fees are payable at time of registration.

EXPENSES.

Tuition in College, per semester	$26.00
Normal course, per semester	20.00
Academy, per semester	20.00
School of Business, per semester	30.00
Shorthand and Typewriting, per semester	35.00
Gymnasium fee, per semester	2.00
Semester fee, per semester	5.00

This last fee includes the registration fee, athletic fee, and the lecture and debate fees.

The semester fee is required of every student who registers in any department of the college. The only exceptions are (1) pupils from the schools of Indianola who may wish to take special courses in any department of the College; (2) persons resident in Indianola who may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc. (3) Students registering six weeks or less before the close of a semester. The fee for such remaining portion of the semester shall be one-half of the usual fee.

The tuition in the Conservatory varies with the character of the work taken and the instructors. Rates will be found on another page.

Laboratory fees are as follows:

COLLEGE.

Physics II, III and IV, per semester	$3.00
Chemistry I, per semester	4.00
Chemistry II, per semester	4.50
Chemistry III, per semester	6.00
Chemistry IV, per semester	6.00
Chemistry V, per semester hour	1.50
Mineralogy (Second semester)	3.00
Zoology, per semester	4.00
Botany, per semester	3.00
Mammalian Anatomy	3.00
Embryology and Histology	4.00
Bacteriology	4.00
Advanced Physiology, per semester	1.00
Surveying	1.00
Free Hand or Normal Drawing, per semester	1.50

There is no fee for Mechanical Drawing to students majoring in Mathematics, Physics, or Pre-Engineering Group. Others pay a fee of $1.50 per semester.

ACADEMY.

Elementary Physics, per semester	$1.50
Elementary Botany, per semester	1.50

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision has been made for their payment in the immediate future. Students whose bills remain unpaid at the expiration of the time for which special arrangement was granted them, will be suspended from classes and all absences so resulting shall be unexcused. Bills may be paid by semester or term; the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or has two or more unexcused absences from recitations or lectures, $0.50.

2. When a student asks for an examination in a subject during a semester subsequent to that in which the subject was taken in class, $1.00.

Refund of Tuition is granted only when a student is compelled to leave college on account of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are twenty-six endowed scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college on the twentieth day of August preceding the opening of the College in the fall the President may fill the scholarship. The scholarships are as follows:

Only those scholarships the principal of which is fully paid in have been recorded here.

The Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The Hoffman Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Hollenbeck Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

The Lydia Marie Hollenbeck Scholarship, founded by the above parties.

The McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The Robbins Scholarship, founded by J. D. Robbins, of Malvern, Iowa.

The Bagley Scholarship, founded by the Simpson Club of the Bagley M. E. Church.

The Shaw Scholarship, founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by B. F. Clayton, Indianola, Iowa.

The Buffington Scholarship, founded by F. M. and Sarah Buffiington, Glenwood, Iowa.

The Barker-Berry Scholarship, founded by W. H. Berry and wife, Indianola, Iowa.

The Snyder Scholarship, founded by Mr. and Mrs. Wm. Snyder, of Farragut, Iowa.

The Dinsmore-Austin Memorial Scholarship, founded by Mrs. D. Austin, of Jefferson, Iowa.

The Sayre Scholarship, founded by W. E. Sayre, Indianola, Iowa.

The Fletcher Brown Family Scholarship, founded by Rev. Fletcher Brown and family, Indianola, Iowa.

The Helen Dudley Memorial, half-scholarship, founded by Mr. and Mrs. W. M. Dudley, Indianola, Iowa.

The Frances Sheppard Scholarships, (six scholarships) founded by Mrs. Mary Frances Sheppard, Indianola, Iowa.

The Burns Scholarship, founded by M. C. G. Burns, Milo, Iowa.

The Perkins Scholarship, founded by S. H. Perkins, of Cambria, Iowa.

The Cain Scholarship, founded by Edward Cain, of Des Moines.

The Weatherby Scholarship, founded by David Weatherby.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school within the bounds of the Des Moines Conference, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal. (The honor graduate is that student who has the best record for scholarship.)

In case the honor graduate does not make use of the scholarship, the second in standing may be nominated by the Superintendent or Principal. The honor graduate may use the scholarship a year subsequent to his or her graduation from high school, but not later than a year; and that only when the scholarship has not been granted for that year to the second in standing.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year.

(c) Each charge in the Des Moines Conference is entitled to send a new student, who shall be entitled to half tuition in the Academy, College or Normal Courses for one year. The student should present one of the regular scholarship blanks properly filled out and signed by the pastor of the Church of which the student is a member. This scholarship privilege can be granted only to those churches in the conference which have raised their apportionment for the Educational Collection for the current conference year.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Indianola it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate, for so many things must be taken into consideration. The personal make-up of the student will govern here. But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the institution. The extravagant standards of some colleges are not in vogue or favor with us. A large number of students are working their way through college and earning a portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Yet it ought to be said that a student should have resources enough before attempting a college course, to provide at least for half of the first year. For it may require a little time to find suitable work.

Board at the College Hall is $3.25 per week. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room. $1.50 and $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks:

Tuition for year	$ 40.00 to	$ 52.00
Semester fees and Gymnasium		14.00
Room rent (average)	40.00 to	45.00
Board		117.00
Books and incidentals		20.00
Total	$231.00 to	$248.00

SELF HELP.

The above figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in the homes or business houses of the town. There are many ways in which it is possible for students to earn a considerable portion of their college expenses. The College maintains an employment agency. Two upper class students are in charge of this agency, one for the girls and one for the men. These persons are employed by the College to make connections between students who need work and work which needs to be done in the city. If interested, send for the circular of the College Employment Bureau.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund. From these funds loans are granted students under certain conditions, which may be learned on inquiry at the President's office.

The Southard fund places a certain sum in the hands of the President to assist young men in studying for the ministry. Loan grants from these funds are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal and moral obligation.

College of Liberal Arts

Requirements for Admission to the College of Liberal Arts

SATISFACTORY evidence of good moral character will be required of all who seek admission. Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificate of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age.

Good work during the first year of College is insisted upon as a requirement for maintaining class standing. Those who fail to do satisfactory work to the extent of at least 23 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS.

For unconditional admission to the Freshman class 15 preparatory units are required from the following list of subjects:

A unit of credit means a subject pursued for four or five periods a week during a school year of at least thirty-six weeks—each period being not less than 45 minutes.

Credits in Units.

English	3		Zoology	1	
Greek	1	or 2	Physiology	½	
Latin	2	to 4	Arithmetic (senior year)	½	
German	1	or 2	†Book-keeping	½	
French	1	or 2	†Commercial Geography	½	
History	2		†Commercial Law	½	
Civics	½		†Industrial History	½	
Economics	½		†Stenography	½	
Mathematics	2½	to 4	Free-hand or Mechanical Drawing	½	to 1
Botany	1				
Chemistry	1		*Manual Training	½	to 1
Physics	1		*Domestic Science	½	to 1
Physical Geography	1		*Agriculture	½	to 1
Physical Geography	1		*Normal Training Courses	½	to 1½

**Credit in these subjects will be accepted only from those High Schools whose Normal Training Courses are accredited by the State Department of Education.*

Credits offered in the above list from schools whose special courses have not been so accredited must be approved by the head of the respective departments before they can be accepted for entrance.

†Total credit allowed from vocational and commercial subjects may not be more than three units.

From the above list the following, totaling 10½ units, are required of all:

Mathematics	2½	English	3
Language other than English	3	History	1
		Science	1

The remaining 4½ units may be offered from the above list. Those who offer only 14 units may be admitted as Freshman but conditioned upon the deficiency, one academic unit being made good by the beginning of the Sophomore year or the student will fail to be advanced with his or her class. Any student who reaches the Sophomore year, delinquent in any academy study is to make up this work at once by special examinations, or enter classes in such subject or subjects. Those who present less than 14 units for admission will be classified in the Academy until they have met the standard.

EXPLANATION OF THE UNITS.

ENGLISH.

Three Units.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writing, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English.

College Entrance Requirements in English for 1913-1914-1915. Required for study and practice.

STUDY.

Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; either Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; either Macauley's Life of Johnson or Carlyle's Essay on Burns.

READING.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units[1] are to be selected, two from each group:

I. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's Merchant of Venice, Midsummer Night's Dream, As You Like It, Twelfth Night, Henry the Fifth, Julius Caesar.

III. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Quentin Durward; Hawthorne's House of the Seven Gables; either Dicken's David Copperfield, or Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskill's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

IV. Bunyan's Pilgrim's Progress, Part I; the Sir Roger de Coverley papers in the Spectator; Franklin's Autobiography (condensed); Irving's Sketch Book; Macauley's Essays on Lord Clive and Warren Hastings; Thackeray's English Humorists; Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden, or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and a Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey.

V. Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lady of the Lakes; Byron's Childe Harold, Canto IV, and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish and Whittier's Snow-Bound; Macauley's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How they Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.

MATHEMATICS.

Two and One-half Units.

Two and one-half units are required of all who seek unconditional admission to the Freshman class.

1	Algebra—through Arithmetical and Geometrical Progression	1½ Units
2	Plane Geometry	1 Unit
3	Solid Geometry	½ Unit
4	Plane Trigonometry	½ Unit
5	Spherical Trigonometry	½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progression.

LANGUAGE REQUIREMENTS.

Three Units.

LATIN.

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text.......... 1 Unit

II. Caesar's Gallic Wars, first four books, or an equivalent in Nepos. The equivalent of at least one period a week in Latin prose composition based on the text read.......... 1 Unit

III. Six Orations of Cicero; prose composition.......... 1 Unit

IV. Virgil, first six books of the Aeneid.......... 1 Unit

GERMAN.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson .... 1 Unit

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronounciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; some ability to speak and understand the language.......... 1 Unit

FRENCH.

I. Careful drill in pronounciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read. . . . 1 Unit

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biographical sketches with constant practice in pronunciation, writing French from dictation, and drill upon rudiments of grammar. . 1 Unit

HISTORY.

One Unit Required.

Any one of the following courses in History may be presented for an entrance unit:

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.
2. Mediaeval and modern European history, from the death of Charlemagne to the present time.
3. English history.
4. American history, or American history and civil government.

SCIENCE.

One Unit Required.

The entire unit must be in one science; botany, chemistry, physics, physical geography, zoology. To be accepted a complete text on the subject must have been studied in full, accompanied by laboratory or field work so arranged as to illustrate all parts of the text, on which laboratory or field work a careful note book record was prepared as the work progressed.

ACCEPTANCE OF GRADES.

The above requirements for admission are essentially those outlined by the North Central Association of Colleges and Secondary Schools. Records (grades) from schools on the accredited list of that association, and from standard colleges, are accepted without further inquiry; records (grades) from other institutions must be presented to the head of the department concerned for his approval before such records can be filed in the college office as accepted. Where note books are specified they must be presented together with the certificate of standing. This applies especially to laboratory and field note books in science. In case of doubt as to the extent and character of the work accomplished each student is entitled to an examination that may prove his proficiency in the subject.

The Course of Study

THE curriculum of a modern college should be arranged so that three classes of students are well considered: 1. Those looking towards the professions. 2. Those expecting to teach. 3. Those whose college course is to afford them general preparation for life in broad culture and training.

There is no better foundation for the special training needed for law, medicine, the ministry, and the various branches of engineering than a good college course. A young man is unfortunate who tries to prepare for these professions without college training. The mastering of the work in a good medical college or law school is far too serious a matter for any student except those who have tried and tempered their minds and have won in part at least their mental independence. For the prospective engineer or chemist the college can do much. All the foundation work such as mathematics, physics, modern languages, mechanical drawing the student may take here at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years. Christian culture and character are of the highest importance to every student whether he is to be a farmer, a minister, or a bridge builder.

While the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary today in effective college education.

This is arranged for in the Group System. Thus for example the group containing Physics as a major study makes an admirable preparation for mechanical engineering; while the Geology-Chemistry group fits the needs of one who may look to mining engineering. The Political Science-History group leads naturally to Law; while the Biology group leads to medicine or agriculture and Philosophy-Sociology or Philosophy-Science group gives an excellent approach to the study of modern theology. In the college and normal course, excellent training is offered for those who look to the profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, German, French. Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology, Physiography, Geology, Mineralogy, English Language, English Literature, History, Economics, Sociology, Drawing, Education, Public Speaking, Commercial Science, Shorthand, Musical History and Theory, English Bible, Philosophy,

Psychology, and Ethics. These courses are in advance of the work done in the same subjects in the ordinary high school, and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction. *One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 124 semester hours are required for graduation, of which 120 are for academic class work and three for physical culture, one unit for each of the first three years of the college course. The remaining unit is for physical culture of the senior year, which is elective. In lieu of this election the credit may be secured in any of the following ways, under the direction of a professor in the college; for instruction in a glee club; for instruction for a state contest; for instruction for the public presentation of literary work undertaken by a department. While the college recognizes the high value of various college activities, it desires that such undertakings shall be for their own intrinsic worth and not for credit in semester hours.*

The following work is required of all who are candidates for the degree:

COURSES REQUIRED OF ALL STUDENTS.

English (English I and II and Literature I and II)	10 semester hours
English Bible	4 semester hours
History	6 semester hours
Foreign Language	8 semester hours
Psychology	6 semester hours
Science (to be taken in two departments, Biology, Chemistry, Earth Sciences, or Physics)	12 semester hours
Mathematics	6 semester hours
Physical Culture	3 semester hours
Public Speaking	2 semester hours
Total	57 semester hours

The physical culture is required. Two periods a week in gymnasium works for the year counts as one semester hour.

THE GROUP SYSTEM.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised personally as to studies which had better be included in the first year's work.

During the Sophomore year, the students in the College will be asked to indicate the direction of their subsequent studies. This will be done by choosing one of the groups of studies.

The professor whose subject stands at the head of the group chosen now becomes the student's adviser for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major study and those electives which in the judgment of the adviser will make a well rounded and useful course. It will be noted that the fundamental principle in our Course of study is to fit the Course to the Student, not the Student to the Course. Throughout the course each student is guided and advised individually and personally, by some member of the Faculty.

The number of semester hours devoted to the major study varies, but may not be less than 16 in the two years. Specific information in regard to the major requirements appears in the paragraphs which set forth in detail the work of the various departments.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

MAJOR GROUPS.

(The figures after each study indicate the number of semester hours required.)

I.

English.

English	28
Language	14
English History	6
Philosophy of Thought and Language (Logic)	2
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	41
	124

II.

History.

History	26
English	10
English Bible	4
Modern Language	8
Economics	6
Philosophy of Thought and Language (Logic)	2
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	39
	124

III.

Mathematics.

Mathematics	26
Physics	8
Astronomy	4
English	10
English Bible	4
History	6
Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	47
	124

IV.

Philosophy.

Philosophy	18
Biology I	8
Economics or Sociology	6
Geology I	4
English	10
English Bible	4
History	6
Foreign Language	8
Psychology	6
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	43
	124

V.

Latin.

Latin	22
Greek and Roman History	4
English	10
English Bible	4
History	6
Greek or other Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	41
	124

VI.

Greek.

*Greek	26
Latin or Modern Language	8
Greek and Roman History	4
History	6
English	10
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	37
	124

*Eight hours of Elementary Greek prerequisite to enter this group.

VII.

German.

German in addition to German I	22
English	16
Foreign Language (other than major)	8
Sociology	6
English Bible	4
History	6
Physical Culture	3
Psychology	3
Public Speaking	2
Science	12
Mathematics	6
Elective	33
	124

VIII.

French.

French	26
Latin, Greek or German	10
History	12
English	16
English Bible	4
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	27
	124

IX.

Chemistry.

Chemistry	22
Biology or Physics	8
Crystallography and Mineralogy	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	37
	124

X.

**Biology.*

Biology	18
Seminar Course, (Thesis req'd)	2
Chemistry	8
Meteorology or Geology	3-4
Palaeontology	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	39
	124

*Those who are to study Medicine should elect Chem. II-IV and Physics II-III.

XI.

Earth Sciences.

Earth Sciences	18
Chemistry	8
Biology	8
Physics	9
Astronomy	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	24
	124

*Enough to complete three years; two of German and one of French.

XII.

Physics.

Physics	20
Mathematics	6
Chemistry	8
Mechanical Drawing	4
*Modern Language	16
English	10
English Bible	4
History	3
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	39
	124

*Enough to complete three years; two of German and one of French.

XIII.

Pre-Engineering.

Mathematics	22
Physics	16
Mechanical Drawing	4
Physics IV or Mathematics	4
Chemistry	14
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	17
	124

*Enough to complete three years; two of German and one of French.

Those who are to become Civil Engineers advise with Prof. Emmons. Those who are to become Mechanical or Electrical Engineers advise with Dr. Tilton.

XIV.

Music.

Musical Theory (Harmony, etc.)	16
History of Music	6
Musical Literature (Instrument or Voice)	4
Education I	6
Modern Language	16
English	16
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	21
	124

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 57 semester hours; 2d, the major, 18 to 26 hours; 3d, the electives, which are selected and arranged under the guidance of the student's adviser, enough to make a total of 124.

Academy students are allowed to take as many as twenty hours of academy work on advice of the Principal of the Academy.

No Freshman is allowed to take more than sixteen hours besides Physical Culture. No other student is allowed to take more than sixteen hours besides Physical Culture, except by permission of the Faculty. Blank applications for extra hours may be obtained from the college office, but the approval of the adviser is necessary before the Faculty will consider the request.

In general, students will not be allowed to take extra hours, who, during the previous semester, have received a grade below M in any course, and who have more hours graded M than S or E.

STATE TEACHERS' CERTIFICATES.

Graduates of Simpson College who complete six semester hours of Psychology and fourteen hours in Science of Education, as a part of their College course, will receive from the State Board of Educational Examiners the Five Year Teachers' Certificate for the State of Iowa.

This certificate will be given, without examination, because Simpson is an accredited college. Students who expect to teach should not fail to elect sufficient work in the Department of Education to entitle them to this privilege. Those completing the Five Semester Normal Course will receive the Two Year State Certificate.

RECOMMENDATION OF TEACHERS.

A Faculty Committee on Recommendations has been organized to aid adequately prepared students and graduates of the College to secure positions as teachers. This Committee will gladly be of service to school boards and Superintendents who desire to receive such recommendations.

Those who expect to teach in High Schools should be prepared in one or two subjects besides the major, to meet the conditions in the smaller high schools. The following combinations are frequently demanded: English and History; English and German; German and Science; Latin and German; Latin and English; Mathematics and Science; Science and Physical Training.

Departments of Instruction

BIOLOGY.

Professor Jenner.

I. ZOOLOGY. This course is designed to give the student a general survey of the whole subject of zoology. Beginning with the lowest animals, the structures of typical forms from each phylum are studied in the laboratory with special reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. The lectures and quizes are given at the conclusion of the laboratory work on each group. The library furnishes opportunity for the student to acquaint himself with other types than those studied in the laboratory. The first semester is devoted to the study of the invertebrates beginning with the Protozoa. During the second semester a study is made of the vertebrates beginning with an ascidian.

A student who enters during the first semester is expected to continue throughout the year if his work is satisfactory.

Open to all students.

Required of all students majoring in Biology or Earth Sciences, and may be taken to satisfy the science requirement in other groups.

Throughout the year, four hours.

II. BOTANY. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desirable, but not required as a pre-requisite.

Open to all college students.

First semester, three hours.

III. BOTANY. A brief survey beginning with the lowest plants and proceeding to the higher, in which typical forms of each division of the plant kingdom are studied. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Open to all college students.

Second semester, three hours.

IV. BACTERIOLOGY. The work of this course consists of laboratory work supplemented by lectures and assigned readings. The object is to give the student a knowledge of the role played by bacteria in the life of other plants and animals, and to acquaint him with the methods used in their study. Some of the topics discussed are: the purification of drinking water; the removal of contamination from streams and lakes; sewage disposal for cities, towns, and dwellings; the enrichment of soil through the agency of bacteria; bacteria in the industries; bacteria as the cause of disease; sanitation.

Ample opportunity is given for laboratory work. This part of the work is designed to make the student familiar with the principal groups of the organisms considered.

This year the course will be especially valuable to those who intend taking the course in Domestic Science.

Open to all students.

First semester, three hours

V. EMBRYOLOGY AND HISTOLOGY. A study of the cell is followed by a study of the typical tissues. The student is required to prepare his own material in so far as that is possible. He learns how to kill, fix, embed, cut and stain tissues for microscopic study. After he has studied the tissues as such, a study is made of the origin and development of the different organs from the blastodermic layers of the embryo, and their structure in the adult. Prepared series of the chick and pig embryos are available for study. Students are required to embody the results of their laboratory and library work in papers which are handed in from time to time for criticism.

Open to all students who have had Course I or Course VII.

Second semester, three hours.

VI. MAMMALIAN ANATOMY. This course consists largely of individual work on the skeleton, muscles, and various organs of the cat or dog. Drawings are made as the work progresses, and the student is expected to record his observations in a note book which is submitted for approval at the end of the semester.

There are no prerequisites for registration in this course except that the student is expected to have an interest in the subject.

First semester, two hours.

VII. PHYSIOLOGY AND HYGIENE. This course will be made very elementary and adapted to those who have had no previous training in Biology. The object is to give the student a general knowledge of the functions of the body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, laboratory experiments, and demonstrations from dissections of some of the lower animals. The course will be of special value to those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work.

Open to all College students and to Academy students who have had Elementary Physiology.

Throughout the year. When laboratory work requires, students are expected to remain until the work is finished. Consult before registering. Three hours weekly.

When elected as a college subject it is required that the student will remain in the class for the whole year.

VIII. PERSONAL HYGIENE. This course will meet the needs of those students who wish instruction in the function and care of the body. Some time will be devoted to sanitation, but students desiring instruction in that subject should take Bacteriology.

Open to all MEN of college rank.

First semester, two hours, providing there are ten who wish to register. Repeated second semester.

IX. SEMINAR. Some of the current biological problems are studied. Opportunity will be offered in this course for advanced individual work along the lines of original investigation of some local biological problem. The results of such work are to be written up in the form of a thesis.

Open to all students who have had sufficient training to do the work. Time to be arranged. Credit to be determined by amount of work done.

Required of seniors who are majoring in Biology. Throughout the year. Not to be offered during 1914-15.

BIBLICAL LITERATURE.

Professor Morley.

The following courses are arranged to meet the requirements of the general student body. They aim to set forth the social, political, literary and religious materials of the Bible with which every educated person should have an acquaintance. They also serve as valuable introductory courses to those preparing to become religious teachers and leaders.

I. OLD TESTAMENT: THE PRE-EXILIC PERIOD. This course traces the progress of revelation and faith among the early Hebrews from the traditional period, through the nomadic and transitional stages to the founding and dissolution of the monarchy. Particular attention is given to the rise and functions of the order of prophets, the growth of the conception of ethical monetheism and the centralization and changing forms of worship. Text book and lectures.

First semester, two hours.

II. OLD TESTAMENT: THE POST-EXILIC PERIOD. The later history of the Jews will be traced in the divided kingdom, the exile, in the Persian and Greek domination and the Maccabean struggle for liberty. Some time will be given to the prophetic and wisdom literature and the growth of the Messianic expectancy. Text book and lectures.

Second semester, two hours.

III. THE LIFE AND TIMES OF CHRIST. The course will examine the sources and history of the Gospel records, the history of Palestine in the time of Christ, the synoptic problem and the fourth Gospel, the life, ministry and teachings of Christ, together with contemporary Jewish traditions. Text book and lectures.

First semester, two hours.

IV. THE APOSTOLIC AGE. This course will be a study of the founding of the Christian Church, the spread of Christianity, the religious ideas, customs and literature of the apostolic age. While this course is a unit yet it is taken with best advantage in sequence with course III. Text book and lectures.

Second semester, two hours.

CHEMISTRY.

Professor J. Allen Baker.

Dale Weeks and M. H. Stephens, Laboratory Ass'ts.

It is the aim of this department to meet the needs of two classes of students: Those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance in everyday life. Its value as a purely educational factor should be kept in view. For training in habits of exactness, for gaining helpful insight into the methods of evidence, Chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the course logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Students majoring in Chemistry must take Chem. I and II. In addition to this they must take either Chem. III or Chem. IV. Thesis work may be arranged with a maximum credit of 4 hours, but it is not required.

CHEMISTRY I A. GENERAL CHEMISTRY. The recitation periods are devoted to discussion of chemical theories and quizes on the experimental work. Wherever possible the practical application of chemistry is brought before the mind of the student. Many chemical problems are worked during the year. The laboratory work throughout the year parallels the text book work.

Open to all the young men of the college.

Throughout the year, four hours.

CHEMISTRY I B. GENERAL CHEMISTRY. The course in elementary Chemistry has been divided into two parts because it is felt that it is better in every way to give young women a line of work not identical with that given to the young men. However, it is with no intention of weakening the course or of presenting to the young women merely the "pyrotechnics" of chemistry that the differentiation is made. The fundamental principles so necessary to any strong course in chemistry are presented and emphasized. This, the backbone of the science, however, is to be clothed and made a living thing by the inclusion of material snatched fresh from the world of common experience. It is not the intention to make this a course in domestic science, though throughout the course and especially during the second semester emphasis is laid upon phases of the science relating to the household and daily life. Laboratory work will parallel the text book work throughout the year.

Open to any of the young women of the college.

Throughout the year, four hours.

CHEMISTRY II. QUALITATIVE ANALYSIS. This is primarily a laboratory course, although lectures and quizes will be given as may seem necessary. Much attention will be given to equation writing and the rules which govern it. The work on the metals, taken in the latter part of Chemistry I, will be supplemented by special preliminary reactions which are used especially to identify the various elements. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same manner. In both basic and acidic analyses as many unknowns as practicable will be worked out. Unknowns involving both basic and acidic radicals are also worked. Finally alloys, ores, and more complex substances will be analyzed as time permits. Chemistry I, prerequisite.

Throughout the year, three hours.

CHEMISTRY III. QUANTITATIVE ANALYSIS. This course is largely a laboratory course. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. One hour per week throughout the year will be devoted to Chemical Arithmetic. A thorough drill will be given in the fundamental chemical calculations. This course will alternate with Chemistry IV. Offered in 1914-15. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY IV. ORGANIC CHEMISTRY. The course includes a study of the theory of organic compounds, together with the making of various organic preparations. The course will alternate with Chemistry III. Offered 1913-14. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged as there is a demand for it.

DRAWING.

Mrs. Strickland.

I. *First Year—*

1. Representation. Charcoal drawing in light and shade from simple objects and from casts. Followed by simple work in water color.

2. Decoration. The designing of decorations in color for simple objects.

3. Construction. The preparing of working drawings and patterns.

Throughout the work constant attention is paid to the best methods of teaching drawing, especially in the public schools.

At least two periods throughout the year.

II. *Second year—*

The same general course is followed, but more advanced work is given in cast drawing and water color.

Drawing from life. Outdoor sketching.

At least two periods throughout the year.

MECHANICAL DRAWING.

Mr. Owen Emmons.

Construction of geometrical figures; isometric and orthographic projections; elementary working drawings; tracing and blue-printing; care of instruments and free-hand lettering.

8:00 *to* 10:00 *A. M. Twice a week throughout the year.*

THE EARTH SCIENCES.

Professor Tilton.

Students intending to major in this department are advised to take Chemistry I in the freshman year, and Zoology I in the sophomore year.

I. PHYSIOGRAPHY OF LAND FORMS. The various processes operative in developing the topography of the earth's surface are studied critically, following Salisbury's Physiography, advanced course, accompanied by the study of topographic maps and illustrative lantern slides, and by field trips. Various library references add further to the appreciation of scenery which the course develops, and to a knowledge of the physical conditions under which people live in the various parts of the earth.

Open to all undergraduates.

First semester, three hours.

II. METEOROLOGY. The course opens with observational work requiring the use of various meteorological instruments, the preparation of a government monthly report, and the expression of data by diagrams. The various elements of weather and climate are next studied in detail following in part Salisbury's Physiography, advanced course, supplemented by individual study based on government maps. The study of climate is further extended by library work to include climatic conditions in various parts of the world, and the effect of climate on plant and animal life.

Open to all undergraduates.

Second semester, three hours.

III. GENERAL GEOLOGY. (General Facts and Principles.) The course begins with a study of local geology as found in a series of field excursions so planned as to develop from critical study a knowledge of conditions in southwestern Iowa and of processes now in operation. From the knowledge thus gained the class proceeds to the general principles of Structural and Dynamic Geology; and then, in Historical Geology, to the facts bearing on the prominent theories concerning the origin of the earth, and to the evolution of the continents and life in past ages. The presentation is designed to be consistent with Christian faith and to afford that knowledge of the past which should be the property of all well educated people. Students majoring in the civil engineering division of the pre-engineering group may, when the remainder of the class begins the consideration of Historical Geology, form a separate section for further study of Structural Geology to meet the requirements of their group, or, if they prefer, they may complete the regular course in General Geology and the following semester elect Stratigraphic and Dynamic Geology (Course IV) to complete the requirement.

IV. STRATIGRAPHIC and DYNAMIC GEOLOGY. The starting point is the GEOLOGY of IOWA. After the class is acquainted with the stratigraphy of our own state it proceeds to a study of other portions of the United States based on the Folios of the United States Geological Survey, noting also the economic resources in the strata of the different regions.

Prerequisite, General Geology (III).

Second Semester, four hours.

V. ADVANCED GEOLOGY. This course supplements work of the preceding courses. Each member of the class chooses the line of investigation which he wishes to pursue and proceeds to as extended and critical study as his previous training and his time permit. The class work is conducted either on the semester plan or by individual conferences as may seem best, and at such time as may be agreed upon. Two, three or four hours may be elected. The following are some of the courses open:

(a) Geology and Physiography, based on library study, with special reference to travel in foreign lands.

(b) Theories of Geology, based on library study.

(c) The Geological History and Evolution of Vertebrata (a two-hour course). (Students who may wish to study the migration, distribution and relation of Mammals from the standpoint of Geology, omitting the other classes of Vertebrates, will be admitted to this section at the proper time.)

(d) Crystallography. The treatment of this subject includes both the study of crystalline form from models and specimens and the microscopic study of rock-forming minerals. (Mineralogy, courses VI and VII, are prerequisites.)

An extension of any one of these courses affords opportunity for the preparation of a report (or for a thesis).

Second semester, two, three, or four hours.

VI. MINERALOGY, DETERMINATIVE. The study opens with a brief course of lectures designed to prepare the student to recognize the various systems of crystals and their characteristic cleavages. The larger part of the course is given to the identification of as many of the chief minerals as time permits. These are properly numbered, labeled and catalogued; they become the property of the student. The course closes with a study of the minerals in the college collection with reference to classification and use.

Prerequisite, General Chemistry (I).

First semester, two hours.

VII. MINERALOGY, ECONOMIC. The manner of occurrence of the most important metallic and non-metallic minerals is studied, and the use that is made of these products. The text used is Riess' Economic Geology. (For Crystallography and methods of study with microscope, see (d) Course V.)

Prerequisite, Determinative Mineralogy (VI).

Second semester, two hours.

VIII. INVERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Invertebrates from the study of Zoology, the distribution in time of the various Sub-kingdoms is considered in order, and the variations which have taken place in each group. The presentation is from the biological side, but the groundwork is laid for the study of the use of fossils in determining the age of strata, and for the study of faunas. The course will supplement both Invertebrate Zoology (I) and General Geology (III).

Prerequisite, Zoology.

First semester, two hours.

IX. VERTEBRATE PALAEONTOLOGY. Assuming a general knowledge of Vertebrates from the study of Zoology, the general facts of each Class are reviewed, then the distribution in time of the various Classes is considered and the variations which have taken place in each Class. Finally the present distribution of animals and the bearing of past life upon present distribution are considered.

This course will supplement Vertebrate Zoology (I), Mammalian Anatomy and General Geology (III).

Second semester, two hours.

ECONOMICS.

Professor Klinger.

I. PRINCIPLES OF ECONOMIC SCIENCE. The aim is to give a scientific explanation of modern industrial society; to acquaint the student with the methods of approach to—and the nature of present day problems, with their practical application to the duties of good citizenship; and at the same time to lay the basis for the more advanced work in the same field. Open to Juniors and Seniors. Text book, readings, reports and lectures.

Throughout the year, three hours.

II. HISTORY OF ECONOMIC THOUGHT. "No sound system of economic thought can be built up without taking account of past systems." The aim of the course is carefully to examine and understand these past (and the present also) systems of economic thought. Text book, collateral readings, and reports. Open to those who have had Economics I.

First semester, three hours. Not offered in 1914-15.

EDUCATION.

Professor Ruggles.

I. HOW TO STUDY. This course is designed to help the student in establishing correct habits of study, and in gaining a more intelligent understanding of the learning process. It is recommended that this course be taken as early in the student's college course as possible.

First semester, two hours.

Repeated the second semester.

II A. PRINCIPLES OF EDUCATION. In this course the meaning of education is discussed and the students are led to discover the principles of biology, psychology and sociology as they operate in determining the results of the teaching and learning processes.

First semester, three hours.

II B. THE PSYCHOLOGY OF CHILDHOOD. This is a course in applied psychology. It is designed to give a thorough and sympathetic understanding of child nature and development. A systematic study is made of mental and physical growth during the periods of childhood and adolescence. The varying physical, intellectual and social needs of the individual are studied from the standpoint of the latest scientific observations. The students are guided in the intelligent criticism of current theories in the field of child-study.

Open to Sophomores, Juniors and Seniors who have had Psychology or Education IIA.

Second semester, three hours.

III. HISTORY OF EDUCATION. This course is designed to give the student a knowledge of the great movements in education from the earliest times to the present. It aims to show the educational development as a vital and integral part of general progress and social development. Among others the following topics are discussed: Primitive education, Chinese, Hebrew, Greek, and Roman education; influence of Christianity upon education; monasticism, scholasticism, humanism. Students are required to become familiar with original source material in so far as possible.

The second semester, special emphasis will be placed upon a more intensive study of one or more of the present day tendencies in education.

Open to Juniors and Seniors.

Throughout year, two hours.

IV A. PRINCIPLES OF SECONDARY EDUCATION. A course dealing with the organization, management and teaching in the high school. The following topics will be discussed: The needs of the pupil of high school age; the place of the high school in the larger scheme of education; the curriculum and its organization; the value of the various studies; discipline and the social life of the high school. It is the aim to make this course of a high degree of practical value.

Open to Seniors only.

First semester, three hours.

IV B. SOCIAL ASPECTS OF EDUCATION. In this course education is considered in its broadest sense and the school is considered as a social institution. The students are led to discover the real meaning of the school to the social and economic life of the community and various ways in which the school may serve society are discussed.

Open to Seniors only.

Second semester, three hours.

V. SEMINAR. In this course current problems in education are studied and discussed. Students are guided in the performance of a definite piece of work or investigation in the field of education, the results of which are written up in the form of a thesis and toward the end of the year presented to the advanced classes in education.

Open to Seniors only.
Throughout the year. Time to be arranged.

ENGLISH LANGUAGE AND LITERATURE.

Professor Goodenough, Professor Goodwin and Associate-Professor Hayward.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to an appreciation of good literature by a study of selected masterpieces.

Those who wish to major in English should study English I and II, Literature I, II, V, and VI, and elect ten hours of other work in the department. These ten hours should be selected in accordance with some plan and should include some courses in nineteenth century literature and one of the courses in advanced composition. English III, IV, or V. Public Speaking IV, or V, may be counted as advanced composition.

ENGLISH LANGUAGE.

ENGLISH I. ENGLISH COMPOSITION. A study of the principles of composition in which the student develops his command of English by both prepared and extemporaneous themes. Special attention is given to exposition, methods in taking notes, and argumentation. Required of freshmen in all courses.

First semester, two hours.

ENGLISH II. ENGLISH COMPOSITION. A continuation of English I with special attention to description, narration, and the oration. Required of all freshmen in all courses.

Second semester, two hours.

ENGLISH III. EXPOSITORY WRITING. This course is designed for those who are looking toward technical courses and for others who feel the need of additional training in accurate and forceful writing. Prerequisite is English I.

First semester, two hours.

ENGLISH IV. RHETORIC OF JOURNALISM. An elementary course for those interested in a study of journalistic style.

Second semester, two hours. Prerequisite is English I.

ENGLISH V. THE SHORT STORY. A study of the technique of the short story with continual practice in writing. Prerequisite is English II.

First semester, three hours.

ENGLISH LITERATURE.

LITERATURE I. BEOWULF TO MILTON. In this course special attention is given to the relation of English literature to the intellectual development of the English people. Required of all students and to be taken later than the freshmen year unless the student has a special aptitude for English studies.

First semester, three hours.

LITERATURE II. DRYDEN TO TENNYSON. A continuation of Literature I, with special attention to the literary development of the nineteenth century. Required of all students.

Second semester, three hours.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people. The prerequisite is Literature I.

Second semester, three hours.

LITERATURE V. ENGLISH DRAMA. A study of the development of the English drama from the earliest time to the time of Shakespere with careful attention to dramatic technique. Three or four of the early plays of Shakespere are studied and compared with the works of other dramatists of the period. Literature I and II are prerequisites. Those majoring in English should enter this course in the sophomore year.

First semester, three hours.

LITERATURE VI. SHAKESPERE. A study of the plays of Shakespere from class lectures and collateral readings. Literature V is a prerequisite.

Second semester, three hours.

LITERATURE VIII. VICTORIAN PROSE WRITERS. In this course representative works of the principal prose writers of the Victorian period will be studied with special emphasis upon Ruskin and Carlyle.

Throughout the year, two hours.

LITERATURE IX. VICTORIAN POETS. All of the important poets of this period will be considered, but the main emphasis will be placed upon Tennyson during the first semester, and upon Browning during the second semester. It is recommended that students majoring in the English department take Literature VIII and IX together.

Throughout the year, three hours.

LITERATURE XI. MILTON AND THE EPIC. A study of the English poems of John Milton with special attention to the epic as a literary form. Literature I is a prerequisite.

First semester, two hours.

Not offered in 1914-15.

LITERATURE XII. LITERARY CRITICISM. The aim of this course is to give the student a knowledge of the fundamental laws and principles of literary art with some practice in applying such knowledge to the study of various masterpieces of literature.

Two hours.

Second semester, 1913-14, *and alternate years.*

LITERATURE XIV. RECENT AND CONTEMPORARY LITERATURE. This course will take up the study of various important writers of our own day, the aim being to show how the intellectual and social unrest of the present is reflected in literature. This course will alternate with Literature XV.

Throughout the year, two hours.

LITERATURE XV. THE ENGLISH NOVEL. A study of the novel since the time of Richardson with special attention to the works of the nineteenth century. Open to Juniors and Seniors who have passed Literature II.

Throughout the year, two hours.

Not offered in 1914-1915.

LITERATURE XX. This course is primarily arranged for those who intend to teach English in the high school. The work includes a survey of the literary periods, a study of the literary types, and a critical analysis of some of the work required for college entrance, with special emphasis upon methods of presentation in the class room. This course is open to Seniors who have majored in English and to others who secure the consent of the instructor. It is desired that those who are to be recommended as teachers of English enter this course.

FRENCH.

Professor Wellwood.

I. ELEMENTARY FRENCH. Grammar, memorizing of French phrases and idioms. Reading, simple dictation. Daily drill in conversation and pronunciation.

Texts—Frazer and Squaires French Grammar, Legoure's and Labiche's "La Cigale Ches les fourmis," Merimee's "Columba," Sand's "La Petite Fadette."

Throughout the year, four hours.

II. INTERMEDIATE FRENCH. Grammar, special attention paid to verbs and idiomatic expressions, Composition, Dictation, Drill in conversation.

Texts—Frazer and Squaires French Grammar II. Hugo's "Quatre Vingt Freize," Chauteaubriand's "Atala," Hugo's "Hermani," Hennequin's Lessons in Idiomatic French, Contes de Maupassant, Contes de Daudet, Coppees "Le Pater."

Throughout the year, four hours.

III. ADVANCED COURSE. Reading of plays, poems, and prose of Classic French Literature, Translating English into French. A novel will be read by the student outside of class and reports given.

Texts—Corneille's "Le Cid." Racine's "Athalie," Moliere's "Le Misanthrope," Canfield's French Lyrics, Beaumarchai's "Le Barbiere de Seville" and Letters, Lesage's "Gil Blas," selections from poetry and comedies of Musset.

Throughout the year, three hours.

IV. MODERN FRENCH. Study of Modern French novels and plays, taking as a basis Pellessier's "Le Mouvement Litteraire au XIX Siecle," Knapp's Modern French readings, Maupassant's Contes Choisis, Rostand's "Cyrano de Bergerac" and "Chanticler," St. Beuve's "Les Cruserie du Lundi," Balzac's Eugene Grandet, Hugo's "Notre-Dame de Paris."

Throughout the year, three hours.

GERMAN.

Professor Jend.

The aim of this department is to give the student a knowledge of the language, literature and customs of Germany. Emphasis is placed on conversation and every effort is made to help the student acquire ease in reading and understanding the language.

I. ELEMENTARY. B. J. Vos "Essentials of German" used as a basis for grammatical exercises. The course aims to give the student thorough training in the fundamentals of grammar, to accustom his ear to short German sentences and to enable him to read simple prose.

Texts—Mueller and Wenkelbach "Gluck Auf," Bacon's "Im Vaterland," "Altes and Neues," Storm's "Immensee."

Throughout year, four hours.

II. ADVANCED GRAMMAR AND COMPOSITION. Reading and writing of short stories and essays. German is used in the class room.

Texts—Schiller's "Wilhelm Tell," Wildenbruch's "Das edle Blut," "Neid," Goethe's "Hermann und Dorothea," Fouque "Undine," Freytag "Die Journalisten."

Prerequisite Course I.

Throughout the year, four hours.

III. GERMAN CLASSICS. Study of German Classics. The writing of German essays and simple stories is continued. The study of German Literature from the Nibelungenlied to Young Germany is taken.

Texts—Schiller's Wallenstein's "Tod," Goethe's "Egmont," Lessing, "Nathan der Weise." A short German novel read outside of class and reports given.

Prerequisite Courses I and II.

Throughout the year, four hours.

IV. MODERN GERMAN. This course consists of the study of modern plays with the social and political conditions.

Texts—The works of Hauptman, Sudermann, Wildenbruch. Second semester devoted to Goethe's "Faust," Part I.

Prerequisite courses I, II, III.

Throughout the year, two hours. Not given 1913-14.

V. SEMINAR. The seminar for 1913-14 will study the development of the novel after Goethe. Leading novelists and their works will be taken up.

Throughout the year, time to be arranged, two hours.

VI. METHODS. Historical grammar, also review of the principles of grammar, phonetics, and a study of several first and second year texts.

Prerequisite Courses I, II, III.

Throughout the year, one hour. Not given 1913-14.

VII. SCIENTIFIC GERMAN AND CONVERSATION. The first semester will be devoted to reading Scientific German. The second semester to Conversation, based upon simple German texts.

Open to students who have had I and II.

Throughout the year, two hours.

GREEK.

Professor Baker.

I and II. ELEMENTARY GREEK. These courses are provided for those who do not offer Greek for entrance. They consist of the elements of the language as usually taught. Connected passages from Xenophon's Anabasis are introduced within the first few weeks of the course. A portion of the first book of the Anabasis is read at the close of the second semester.

First and second semesters, four hours.

III. XENOPHON'S ANABASIS AND GREEK COMPOSITION. Two books are read. Exercises in writing Greek accompany the daily reading. Some oral practice in Greek is also given. Collateral reading on the topics connected with the text is required.

First semester, four hours.

IV. LUKE'S GOSPEL. Particular attention is paid to the acquisition of the vocabulary necessary for the further study of the New Testament. Oral composition accompanies the work.

Second semester, four hours.

V. PLATO. Selections. Collateral readings.

First semester, four hours.

VI. HERODOTUS. BOOK VI AND SELECTIONS. Portions of the sixth book of the history are chosen relating to and including the battle of Marathon. Other portions are chosen to illustrate the art of Herodotus as a story teller. Collateral reading is suggested suited to the historical portion.

Second semester, four hours.

VII. SOPHOCLES. ANTIGONE. Scenic antiquities and the history of the drama are the collateral topics.

First semester, three hours.

VIII. THE NEW TESTAMENT. Paul's Letter to the Romans.

Second semester, three hours.

IX. EURIPIDES. Iphigeneia in Tauris.

First semester, two hours.

X. DEMOSTHENES DE CORONA.

Second semester, two hours.

HISTORY.

Professor Klinger.

I. GREEK HISTORY. A careful survey of Greek civilization from early times to 146 B. C. Special attention will be given to the development of the literature, philosophy, and fine arts of the Greeks. Text book, collateral readings, and reports on special topics.

First semester, two hours.

II. ROMAN HISTORY. From the earliest times to 800 A. D. Emphasis will be placed upon the period from 133 B. C. to 180 A. D. The decline of Rome, the rise of Christianity, and the transition period from 400 to 800 A. D., will be carefully developed.

Second semester, two hours.

III. EUROPEAN HISTORY A. An introductory course in general movements of institutional life from the Germanic migration to the Reformation. Text book, collateral readings, and reports on special topics.

First semester, three hours.

IV. EUROPEAN HISTORY B. From the Reformation to the present time. Open to students who have had European History A.

Second semester, three hours.

V. ENGLISH HISTORY A. From early times to the opening of the Stuart reigns in 1603. Text book and lectures on the political history; collateral readings and special topics on the constitutional, industrial, religious, and social history of England.

First semester, three hours.

VI. ENGLISH HISTORY B. From 1603 to the present time. The constitutionalizing of the king in the 17th century; the rise of political parties and development of the cabinet; the economic revolution of the 18th century, and the economic, political, and constitutional reforms of the 19th century, will be considered in lectures and special topics. Open to students who have had English History A.

Second semester, three hours.

VII. AMERICAN HISTORY, 1763-1861. From the close of the great century of conflict with France to the Civil War; a study of union and disunion. The method of this course is, in part, that of the seminar. Topics for investigation and report are assigned. A text book, however, will be used to supplement the reports. Open to Junions and Seniors.

First semester, three hours.

VIII. AMERICAN HISTORY, 1861-1914. A study of the recent history of the United States in its political, financial, economic, social, and intellectual progress to the very present. The same method and text will be used as mentioned above, in Course VII. Open to Juniors and Seniors.

Second semester, three hours.

IX. HISTORICAL METHODS. This course will treat of the nature of History, the instruments in the interpretation and organization of historical material for teaching purposes, and from the viewpoint of the student and of the teacher; exercises in interpreting and organizing a special limited field. Critical examination of text books in History, in the light of principles discovered of the evolution and interpretation of facts, their organization, etc., and the making of lesson plans. Open to those who have had twelve hours of History.

Second semester, two hours.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of construction and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

Prerequisite, four years of Academy or H. S. Latin.

I A. TRANSLATION AND COMPOSITION. Cicero De Senecute, Tacitus, Agricola.

First semester, four hours.

B. TRANSLATION AND COMPOSITION. Livy, Selections from Books I, XXI, and XXII, Virgil, Georgics.

Second semester, four hours.

Any course may be taken after I is completed.

II A. TRANSLATION: STUDY OF ROMAN LITERATURE. Horace, Odes and Epodes. Selections from Roman poets.

First semester, three hours.

B. TRANSLATION AND STUDY OF STYLE. Horace, Satires and Epistles, Plautus, Trinummus.

Second semester, three hours.

III A. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Juvenal and Martial. Johnston's Roman Private Life.

First semester, three hours.

B. TRANSLATION AND STUDY OF ROMAN PRIVATE LIFE. Martial and Pliny the Younger, Johnston's Roman Private Life.

Second semester, two hours.

Course III will be offered in 1912-13.

IV A. ROMAN CONSTITUTIONAL LAW.

First semester, two hours.

B. REVIEW OF LATIN GRAMMAR.

Second semester, two hours.

Course IV will be offered in 1913-14.

MATHEMATICS.

Professor Emmons.

While the principal objects in the courses in Mathematics are mental discipline and training in logical thinking, the application to the problems of everyday life of the power of analysis acquired, incidentally proves that the subject has a high utilarian value. The student receives the subject matter through the text-book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

Those who major in Mathematics are expected to complete courses I-VIII, except that ladies are advised to substitute Mechanical Drawing for Surveying.

I. MATHEMATICS. After a short review of algebraic reductions, the binomial theorem, elementary graphs, theory of limits, series, undetermined coefficients and logarithms will be studied. Then Plane

Trigonometry will be presented. The trigonometric functions will be used in the solution of triangles. Attention will be given to trigonometric analysis. The functions will be studied by means of graphs. Required of all freshmen.

First semester, three hours.

II. MATHEMATICS. Prerequisite course I. The course begins with theory of equations. With the study of variation the student will be introduced to the elements of straight-line and conic analysis. The course will close with a study of permutations, combinations, probability, statistical analysis, and elements of least squares. Required of all freshmen.

Second semester, three hours.

III. PLANE SURVEYING. After studying the plan of construction and the adjustments of the standard instruments the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit or level in the field are assigned. The student is required to keep a field note book of all surveys and problems.

Second semester, two hours. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. ANALYTIC GEOMETRY, PLANE AND SOLID. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations. Prerequisites, I and II.

First semester, five hours.

V. DIFFERENTIAL CALCULUS. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivative. In this course emphasis is laid upon the differential calculus though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prerequisite IV.

Second semester, five hours.

VI. DETERMINANTS AND THEORY OF EQUATIONS. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V.

VII. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. This is a continuation of course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

First semester, four hours.

VIII. ASTRONOMY. A course in descriptive astronomy including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four inch equatorial telescope. Prerequisite I.

Second semester, four hours.

IX. SEMINAR. Time and nature of work to be arranged with the students concerned. It is desirable that the student pursue this course throughout a year.

PHILOSOPHY.

Professor Morley.

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. It seeks to co-ordinate and unify all departments of human knowledge. Its chief personal and cultural value lies in the wide outlook, and the true understanding and valuation of life and nature which it gives, and in the development and discipline of the analytical and logical powers of the mind. From the practical standpoint it is essential to the best foundation for law, theology or other professional studies calling for the most accurate and consistent reasoning. The purpose of the department is to open this field of study to the student and to bring some of the more important results of philosophic enquiry into close relation to the practical needs and problems of present day life.

I. GENERAL PSYCHOLOGY. This course presents the main facts, laws and interpretations of the mental life. These are studied in an introductory way during the first semester and with more detailed and intensive method during the second semester. Two texts are studied and their use is supplemented by written exercises, class discussions. Lectures are given upon special phases of mental life, upon comparative psychology and upon dreams, sleep, hypnosis, hallucination, and other forms of abnormal psychology. The lectures are supplemented throughout by experiments and demonstrations before the class.

Open to Sophomores.

Throughout the year, three hours.

II A. PHILOSOPHY OF THOUGHT AND LANGUAGE. An introductory course in Theory of Thought and Knowledge. The philosophy of good thinking with some study of the fundamental laws of thought and the rational processes by which we come to our judgments and beliefs. The work will include a brief study of the development of language and its function as the instrument of thought.

Lectures, Class Discussions, Collateral Reading. Required of all majors in Philosophy.

First semester, two hours.

B. LOGIC. A study of deductive and inductive logic, with practical exercises in the use of the logical forms, and emphasis upon their limitations. Creighton's Introductory Logic is the text.

Second semester, two hours.

III. INTRODUCTION TO PHILOSOPHY. This course is intended for the general student who wishes to know something of the philosophical problems that have engaged human thought; and it is as well a preparation for those who wish to pursue the more advanced courses in philosophy. An attempt will be made to present the various philosophical systems in relation to the science and general civilization of the periods to which they belong. Roger's "A Student's History of Philosophy," will be used as a text. Open to Juniors who have completed Psychology I. Required of all majors in Philosophy.

First semester, four hours.

IV. MODERN PHILOSOPHY. In this course it is proposed to examine systematically and critically the leading types of philosophical theory from Kant to the present time, and to study some of the fundamental metaphysical problems, and the methods and principles that modern philosophy employs in their solution. Open to Juniors who have had course III. Required of all majors in Philosophy.

Second semester, four hours.

V. ETHICS. After a study of the different types of ethical theory, this course considers the origin and the authority of the moral law, the functions of conscience, and the rational principles which may be brought to bear upon the ethical aspects of current judicial, social and commercial problems. Seth's "Ethical Principles" is used as a text book. Open to Juniors. Required of all majors in Philosophy.

First semester, four hours.

VI. THESIS COURSE. This course consists in prescribed readings in investigation of some subject in philosophy approved by the head of the department. This study and the preparation of a thesis will continue throughout the year. The time of conferences and for the presentation and defence of the thesis will be privately arranged. Open to Seniors who major in Philosophy. Maximum credit two hours.

VII. PHILOSOPHICAL SEMINAR. The aim of this course is to supplement the work in courses III and IV by a more intensive study of the problems there raised. It will aim to give an acquaintance with leading philosophical systems in their original form. A reading knowledge of French and German, while not required will be of advantage. The work will be mainly individual study under the direction of the head of the department, with weekly conferences and discussions. Open to Seniors who major in Philosophy. Maximum credit, two hours.

Second semester meets once a week.

NOTE.—Course II will be given by President Strickland.

PHILOSOPHY OF RELIGION AND BIBLICAL LITERATURE.

President Strickland.

A thorough modern education demands some serious study of the development of the religious consciousness as seen in primitive forms of worship and in the great ethnic religions of the world. The greatness of Christianity can be appreciated only by the contrast with other religious systems. The object of the work in the Study of Religion is to present the truth of a gradual unfolding Revelation of the Divine in human life. The method is historical. Matters of criticism which do not touch Christian faith are kept in the background, the purpose of the work being positive and constructive, not critical.

In the College course the thoughtful student finds his horizons of knowledge widening and some of his beliefs and standpoints shifting. One of the aims of this department is to afford guidance to the student through this transition period, so that while he may change his view points, his religious faith may not lose its spiritual content but may be deepened.

I. HISTORY OF RELIGION. A study of primitive religious beliefs, practices, and forms of worship followed by a brief study of several of the non-Christian religions. Menzies' History of Religion is used in part as the text, supplemented by lectures and collateral reading.

Open to all who have had English Bible I and II.

The first semester, two hours.

II. A STUDY OF THE CHRISTIAN RELIGION. The work begins with a study of the growth of Judaism after the Babylonian exile. Following this the origin and growth of Christianity are traced. The great fundamental teachings of the Christian religion are considered such as the personality of God, the immanence of God, the divine authority of Jesus Christ, conceptions of the natural and the supernatural, the belief in personal immortality. The object is to present in outline a philosophy of Christianity and to indicate the way to a firm foundation for positive Christian faith, which shall be in harmony with modern ways of thinking. Lectures, required readings, and class papers.

Open to all who have had English Bible I and II.
The second semester, two hours.

COLLEGE PHYSICS.

Professor Tilton.

Mr. Theodore Saur, Laboratory Assistant.

I. REVIEW PHYSICS. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded Seniors who wish to teach but have not registered in courses II and III. This review work is so arranged that those who have had course II can review the elements of the remainder of the subject by electing the second semester of Physics I, and those who have had course III can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Each semester, one hour.

II. MECHANICS OF SOLIDS AND FLUIDS in the first semester, SOUND AND HEAT (including Thermodynamics) in the second semester.

Each semester beginning in the odd years, four hours. (*On laboratory days* 1:30 *to* 2:30.)

III. MAGNETISM AND PART OF ELECTRICITY the first semester. ELECTRICITY AND LIGHT the second semester.

Each semester beginning in the even years, four hours. (*On laboratory days,* 1:30 *to* 2:30.)

General explanation, Physics II and III: It is advisable, though not required, that Physics II precede Physics III. For admission grades in Trigonometry are necessary. When advisable registration is permitted for partial courses.

The various subjects are presented partly by text-books with recitations thereon, and partly by lectures. The class work on each subject is then followed by a laboratory course consisting of the following: (a) important experiments of an illustrating character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for further technical and engineering courses. It is also planned to prepare those to teach who wish to teach Physics in high schools.

Those who are unable to take both Physics II and III will find the following the next best combination of courses: Physics II and the second semester of Physics I, or Physics III and the first semester of Physics I.

IV. SPECIAL PHYSICS. This course is especially for those who are majoring either in Physics or in the Physics side of the Pre-engineering group. It will consist of individual laboratory work upon some problem bearing on future life work in engineering, followed by the preparation of a written report, or thesis, on the problem assigned. In this work those who are to take up Electrical Engineering will continue the study of the alternate current, which was begun in Physics III.

Either semester, by special arrangement. A maximum of four semester hours of credit is allowed.

PHYSICAL CULTURE.

With the opening of the new gymnasium, this department has been re-established upon broad lines. The fine equipment now available enables us to offer thorough training in Physical Culture under the best conditions.

The purpose of the department of Physical Culture may be expressed in words taken from the address of Mr. Hopper in which he presented the gymnasium to the college. Mr. Hopper said: "The time has come when every college should establish a department for physical efficiency, manned by an educational instructor with special training, with high ideals and fine character; a man who understands human nature and human needs, whose business would be to look out for the physical welfare of each student under his care, whose aim should be that every student attain his greatest physical efficiency. There is no reason why college students should not graduate with an elastic step, graceful carriage, pleasing bearing, well developed body and habits formed which will permit good health and tend to longevity."

To realize this aim the department of Physical Education provides suitable training for the physical well-being of the students. Regular and systematic exercise is of the greatest importance to those leading a sedentary life and for this reason gymnasium work or its equivalent in athletics has been made compulsory.

Two hours of gymnasium work per week are required of every student for three years. College credit for this work is given in the usual laboratory ratio of two to one. Delinquencies are subject to the same regulations as any class room work.

PHYSICAL TRAINING FOR MEN.

H. J. Iddings, Director.
Owen Emmons, A. B., Assistant.

Each man is given a medical examination at the beginning of the college year by a physician and a physical examination by the director of the gymnasium. Records of this examination are kept on file by means of anthropometric cards and charts.

Gymnasium work for men is graded to suit the needs of individual students as far as possible and is designed to be corrective whenever needed. To develop an easy and graceful carriage, an erect bearing and to aid the body in its functions are the purposes of this training. With the consent of the director, athletics may be substituted for gymnasium work.

The different athletic sports are encouraged in a moderate and sane way, and are regarded as a part of the regular physical education. This includes football, basketball, track, baseball and tennis.

A description of the gymnasium building has already been given under the head of general equipment of the college. But some description of the equipment for the physical training may be in order. The apparatus is of the latest type and is most complete. It includes stall bars, flying and traveling rings, parallel and horizontal bars, horizontal ladder, 24 chest weights. Besides this there are horses and bucks, an adequate supply of dumb bells, wands and Indian clubs, a rowing machine and long rubber mats for indoor sprinting.

First Year—

Drill and marching. Setting up exercises. Light work on parallel bars, rings and ladder. Work with chest weights.

Two hours per week.

Second Year—

Drill and marching. More advanced work on heavy apparatus. Work with dumb bells and wands.

Two hours per week.

Third Year—

Advanced work in heavy apparatus. For those desiring it, work will be offered in the methods of teaching Physical Culture.

Two hours per week.

PHYSICAL CULTURE FOR THE WOMEN.

June Hamilton-Rhodes, Director.

The work for women in Physical Training has for its chief aim the correction of faulty physical traits, the promotion of grace and agility, the knowledge of the care of the body required for perfect functioning of its parts, a love of recreation, of the open and the formation of the habit of systematic exercise, which will be continued by the student long after college days are over.

At the beginning of the college year each girl is given a physical examination by the director, assisted by a woman physician. The results are tabulated and kept on file in the director's office. Each young woman is required to take two hours of Physical Culture per week, and all students who need corrective work are given special exercises. During the year lectures in personal and public hygiene are given and each young woman is free to consult with the director at any time. No girls are allowed to participate in any athletic sports or games without permission of the director, after a thorough examination by director and assisting physician. The object of this department is to build up, not tear down, so that each young woman may be able to keep herself in the best physical condition in order that she may derive the greatest benefit from her college work and arrive at her highest degree of efficiency.

Each young woman is required to furnish her own gymnasium suit and shoes. These are ordered by the college at a cost of $3.75 for suits and $1.50 for shoes.

First Year—

October. Physical examination, prescriptions and demonstrations of special corrective exercises.

November. Floor work, marching, setting up exercises, elemental rhythmic steps. Beginning light apparatus, dumb bells and Indian clubs, wands.

December. Folk dancing, beginners' classes, gymnastic games, first exercises, rings and chest weights.

January. Continuation of elementary rhythmic exercises and light apparatus.

February. Continuation of work of January, introduction of parallel bars, stall bars, Swedish horse, simple exercises.

March. General review of first year's work.

April. Exhibition of work during first week followed by training for athletic sports by those eligible. Chest weights emphasized.

May. Grading of students for following year classes, leaders selected, examination of Senior class, all work this month done outside of gymnasium, tennis, hockey, cross country, jumping and running.

Second Year—

Monthly gradation of work as in first year—advanced work in light and heavy apparatus, folk-dancing, advanced classes—advanced rhythmic work. Beginning class in pantomime.

Third Year—

Monthly gradation of work as in first year. Advanced apparatus, light and heavy—original drill work—original rhythm work—advanced folk-dancing and pantomime. Original pantomime of familiar folk lore.

POLITICAL SCIENCE.

Professor Klinger.

I. POLITICAL SCIENCE. An introductory course in the study of the main conceptions and principles of political science. Text-book, collateral readings, and reports on special topics. This course will be open to all but Freshmen, but it will not be given unless 10 or more students desire it.

Throughout the year, two hours.

II. THE GOVERNMENTS OF EUROPE. A study of the governmental systems of the various countries of western and central Europe as they have taken form and as they operate at the present day. Text-book, collateral readings, and reports on special topics. Open to Juniors and Seniors.

First semester, two hours.

III. AMERICAN GOVERNMENT AND POLITICS. A general survey of our political system: taking up the historical foundations of our government, and our federal and state governments in operation at the present time. Text-book, collateral readings, and reports on special topics. Open to Juniors and Seniors.

Second semester, two hours.

PUBLIC SPEAKING.

Professor Goodwin.

The purpose of our courses in Public Speaking is to present in a practical and effective manner the essentials of platform work and, by class exercises and training, to develop in individuals the most effective manner of public address. The emphasis will be laid upon the direct conversational type of speaking.

I. VOCAL CULTURE AND ORATORY. A study of pronounciation, enunciation, directness, emphasis, etc., with exercises to develop vocal energy, purity and flexibility of voice. Selections are committed and recited before the class. Required of all.

First semester, two hours.

Second semester, two hours. (Course repeated.)

II. ORATORY AND INTERPRETATION. Continuation of Voice Drill begun in Course I. Special attention to gesture. Further drill on masterpieces of oratory, with a view to cultivating appreciativeness, poise, melody, and mastery of an audience. Considerable work in interpretative reading of emotional poetry.

Prerequisite I.
Second semester, two hours.

III. EXTEMPORANEOUS ORATORY. A study of the field of extempore speech, with practice in speaking on topics suitable to various occasions.

Prerequisite, I and II.
First semester, two hours.

IV. CONSTRUCTIVE ORATORY. A study of the modern oration, modern styles of oratorical composition in comparison with classical forms. Especial attention to the modern college oration. A finished oration reauired of every one in class, together with other prepared papers. Private training in delivery given on orations written in the class. Valuable opportunity to write orations for the various college contests.

Prerequisite, I and II.
Second semester, two hours.

V. DEBATING. A study of the art of debate, and the principles of argumentation. Persistent practice in brief drawing on assigned questions. Work on preparation of rebuttal. Frequent drill in actual debating, with especial attention to delivery.

Prerequisite, Course I.

First semester, two hours.

The Forensic League of Simpson College each year sends representatives to the various State contests in Oratory, The Intercollegiate, the Peace, and the Prohibition. A number of intercollegiate debates are also scheduled each year. Students ambitious to participate in any of these are urged to take courses I and V as early in their college work as possible.

SOCIOLOGY.

Professor Ruggles.

I. GENERAL SOCIOLOGY. An elementary course in the methods and problems of sociology with their application to present day affairs. Open to Juniors and Seniors. Text-book, readings, reports and discussions, and lectures.

First semester, three hours.

II. APPLIED SOCIOLOGY. In this course are discussed the various problems confronting the social worker, in both city and country. It is designed to be helpful to any who may contemplate entering upon some form of social service, as well as to give a more sympathetic and intelligent understanding of present day social problems.

Second semester, three hours.

The Academy

The Academy

BOARD OF INSTRUCTORS.

FRANCIS L. STRICKLAND, Ph. D.
President of the College.

ALLEN RUGGLES, A. M.
Principal of the Academy.

GRACE HAYWARD, A. M.
Instructor in English.

JOSEPHINE McCLEARY, Ph. B.
Instructor in German.

GRACE BEAM, A. B.
Instructor in Mathematics and History.

OWEN A. EMMONS, A. B.
Instructor in Physics and Physical Geography.

ANTOINETTE B. STRICKLAND.
Instructor in Drawing.

HAROLD IDDINGS.
Instructor in Physical Culture, Men.

JUNE HAMILTON-RHODES.
Instructor in Physical Culture, Women.

The Academy

THE Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the academy which was continued, remains today a useful department of the institution.

With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But Simpson Academy still fills a needed place. Several things are worth considering here. In the first place, many towns of Iowa have not reached the point where they can maintain a fully accredited high school with the standard four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is a considerable advantage in being able to come to a college which maintains a high grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college fully prepared and without the handicap of being conditioned in work required for admission.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the high school work for a year or two but gave it up. They do not wish to go back to the high school for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in our Academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This of course is impossible at the regular high schools.

Much of the teaching in the Academy is done by the Instructors. In some cases, however, the Professors of the College give the instruction in their departments. This is true in beginning the study of languages.

We think it a matter of prime importance that students should begin the study of Latin, German, or Greek under the guidance of the most experienced teachers we have. Our students therefore have their first year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German.

There is careful supervision of the Academy work by the heads of the departments. For we do not regard our Academy as a mere adjunct of the College but as an integral part of the institution.

Each member of the faculty makes a written report four times a year to the President. This covers the work in the Academy as well as in the college. And at the faculty meetings held every two weeks, the various parts of the work of the college comes up for report and discussion.

In considering whether you would come to Simpson Academy, have you thought of the advantage of being in a school where the instruction is supervised by the experienced teachers of a college faculty, and where some of the instruction is given by them?

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years course may be admitted to any year by submitting certificates or other evidence of the amount and satisfactory character of the work done.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

PRIZES.

The Buxton Scholarship Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the senior class who has been in attendance duirng the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

LITERARY SOCIETY.

The Academy has one literary society. The Lowell-Pierian Society was formed in 1913 by the union of the two older societies. Its membership includes both young men and young women of the Academy, Conservatory and School of Business. The students are urged to join this society and gain the culture and training which comes from participation in the regular work of the programs. Not only may they gain practice in debate and parliamentary usage but may acquire the art of thinking on their feet. The ability to express thoughts in good English is an accomplishment for which every student should strive.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements. The work of the freshman year in college may be arranged to fit the student's acquirements in language. The minimum requirements for admission to college may be found under heading "Admission to College."

ACADEMY COURSE OF STUDY.

First Year.

Ancient History	4	4
Elementary Latin	5	5
Algebra	4	4
Physical Geography	4	0
Elocution	0	2
Drawing	1	1
	18	16

Second Year.

Caesar	5	5
Geometry	4	4
English	4	4
Biology	4	4
Elocution	1	1
	17	17

Third Year.

English	4	4		
Algebra	0	4	4	8
English Composition weekly.				
Three studies from this list first semester; two the second semester.				
Cicero	4	4		
German	4	4		
Advanced Grammar	4	0		
Greek	4	4		
Solid Geometry	4	0		
Elementary Economics	0	5		
Bookkeeping	5	5		
Elementary Botany	0	5	13	9
			17	17

Fourth Year.

English	4	4		
Elementary Physics	5	5	9	9
English Composition weekly.				
Two studies from this list.				
Latin	5	5		
Greek	4	4		
German	4	4		
United States History	4	4		
Elementary Botany	0	5		
Advanced Grammar	4	0		
Advanced Arithmetic	0	4		
Elementary Education	4	0		
Bookkeeping	5	5	9	9
			18	18

Physical Culture is required two hours per week. No one may be excused from physical culture except on written permission of the Director with endorsement by the President.

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units, of which three must be in Foreign Language, two and a half in Mathematics; three in English; one in History and one in Science, preferably Elementary Physics.

Of the language units offered for College entrance at least two must be in a single language. Where the third unit is different, the language of that single unit must be continued in the Freshman year unless the student elects Greek.

"Unit" means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hours per week.

Fifteen units required for unconditional admission to College.

Fourteen units admit to conditional standing in the Freshman class. Conditions must be made up by the middle of the Sophomore year or the student will not be continued in his class.

ACADEMY MATHEMATICS.

Miss Beam, Instructor.

ALGEBRA I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Throughout the year, four hours.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials, and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Throughout the year, four hours.

GEOMETRY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems of mensuration. Prerequisite, Geometry I.

First semester, four hours.

ALGEBRA II. In this course a few of the subjects treated in Algebra I are taken up for reconsideration from a more advanced and critical viewpoint. The development of number systems of Algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few more of the more advanced topics such as progressions, binomial theorem and logarithms may be included. Prerequisites, Algebra I, and Geometry I.

Second semester, four hours.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the student to teach arithmetic in the public school grades. Three things are to be undertaken, viz.: (1) to familiarize the student with arithmetic, (2) to guide the student in a study of the viewpoint and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text-books.

Second semester, four hours.

THE ENGLISH COURSE OF THE ACADEMY.

Miss Hayward.

In the first year, the first semester is spent in the study of Rhetoric and Composition. The second semester will continue the study of Composition but this work will be based on a study of the American classics. The aim of this year's work is to arouse interest in literature and to develop some skill in simple narration.

The study of the second and third years completes the college entrance requirements. It is expected that the student will gain a careful knowledge of the best of English literature and an understanding of history from collateral readings. The work of these years includes writings studied in class and assignments for private reading on which reports are made. The composition of these two years is fitted to the subjects studied and the attention to this branch of English study is never overlooked. The student progresses to more difficult composition as the works studied become more difficult and he is continually taught to look for the excellencies of style in the writings under consideration.

ELEMENTARY EDUCATION.

Professor Ruggles.

The Theory and Practice of Teaching in Elementary Schools.

This course is designed to give the student specific instruction in the solution of the everyday problems of a teacher, and to meet the needs of those who are going into district or graded school work. Among other topics the following will be discussed. The recitation; the study period; the writing of lesson plans; various types of lessons; schoolroom discipline; the recess; the ethical relationships of the teacher, his moral and social responsibility; the relation of the teacher to the community; the relation of the teacher to the school board.

Open to third and fourth year Academy students, and required of all Normal students of sub-collegiate rank. First semester, four hours.

ACADEMY LATIN.

Professor Hunting, Miss Baker.

The work of no year is more important than that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advanced years, a serious lack in the first year's work.

FIRST YEAR. A thorough drill in the elements of Latin grammar is given. Analysis and diagraming are used, as is English grammar, for the purpose of teaching language relations. The translation of English into Latin is emphasized as furnishing the best means of applying the principles of Latin grammar.

THE SECOND YEAR. Caesar's Gallic Wars and Nepos with Prose Composition based upon the text. Drill in Latin grammar is continued.

THE THIRD YEAR. Cicero's Orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied.

FOURTH YEAR. Virgil's Aeneid. This is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rhythm of the verse. The study of mythology is begun in Virgil.

ACADEMY GREEK.

Professor Baker.

I. ELEMENTARY GREEK. This course occupies one year and covers the elements of the language, with continuous reading from the Anabasis of Xenophon begun during the first month of the course.

First and second semesters, four hours.

II. XENOPHON'S ANABASIS. This course includes four books of the Anabasis with such collateral reading as may be necessary for comprehending the bearing of the narrative. Exercises in oral and written Greek form a large part of the course.

First and second semesters, four hours.

ACADEMY HISTORY.

Miss Baker and Miss Beam.

Two years of history are offered in the Academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalization before he has a sufficient number of concrete facts. The order should be reversed.

The teaching of civil government apart from its historical settings generally results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses.

I. ANCIENT HISTORY. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical developments of ideas, rather than forms, and of the relation of environment upon earlier life. West's Ancient History is used.

Throughout the year, four hours.

II. UNITED STATES HISTORY AND CIVIL GOVERNMENT. A course in history and government from the beginning to the present time, with emphasis upon the period after 1789. James and Sanford, American History and Government in the State and Nation, are used.

Throughout the year, four hours.

ELEMENTARY BOTANY.

Professor Jenner.

The course consists of a general survey of the whole field of botany in such a manner as to acquaint the student with the plant life about him, and give him a knowledge of the morphology, ecology and physiology of some of the typical seed plants. A minimum amount of work is done on an herbarium, but the student has it constantly impressed upon him that the study of plants is not primarily the study of flowers with a view to their arrangement in a systematic scheme. Emphasis is placed on life processes as the subject matter of botany. Stephen's Introduction to Botany will be used as a text in 1912-13.

ELEMENTARY HUMAN PHYSIOLOGY.

A general survey of the structure and functions of the human body with a view to giving the knowledge which every graduate of a secondary school should have concerning its proper care. Hough and Segwick's Human Mechanism is used as a text.

DECLAMATION.

Professor Goodwin.

The student learns to develop correct posture and an easy, natural manner on the platform. Exercises are given to aid in correct articulation and pronunciation. Practice is furnished in reading essays at sight, and in the rendition of oratorical and declamatory selections. These selections are committed and recited before the class. It is the purpose of this course to cover the field usually covered by High School work along these lines. Required of all first and second year preparatory students. One hour a week throughout the year.

ELEMENTARY PHYSICS.

Mr. Emmons.

A grade in at least one semester's work in Algebra is necessary to registration in this class. The work is planned to give a general knowledge of the subject, with a thorough study of the principles both from a complete laboratory course in which individual experimental work and written reports are required and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by a "Laboratory Course in Physics" by the same authors.

Five hours per week throughout the year, double periods when Laboratory work is in progress.

PHYSICAL GEOGRAPHY.

Mr. Emmons.

In the Academy course in Physical Geography Dryer's "High School Geography" is used as a text. After a brief consideration of the general principles with reference to the development of land forms, attention is directed to the relation of human life, occupations and civilization to these natural conditions in the different countries, thus emphasizing the economic bearing of the subject.

First semester, four hours per week.

Normal Courses

THESE courses are intended to furnish pedagogical training to those who intend to enter upon the work of teaching in the High School or grades.

The courses are accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first-class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing. It is very desirable that a teacher should be able to illustrate by simple drawings which are accurate enough to convey the ideas intended.

The physical culture will be under a competent director.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES.

I. GRADUATES OF THE COLLEGE who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education is outlined under its proper heading in the departments of instruction of the college.

II. TWO YEAR NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent. Those completing it will receive a diploma and will be thereby entitled to a two years' State Certificate from the State Board without examination. If success attend their work in the public school, a second grade State Certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

The course is as follows:

FRESHMAN YEAR.

First Semester.	*Second Semester.*
English Composition.	English Composition.
English Literature.	English Literature.
English Bible.	English Bible.
Mathematics.	Mathematics.
History of Education.	How to Study.
Methods (English Grammar).	Methods (Juvenile Literature).
Physical Training.	Physical Training.
Electives:	Electives:
European History.	European History.
Physiology.	Physiology.
	American Literature.

SOPHOMORE YEAR.

First Semester.	*Second Semester.*
Psychology.	Psychology.
Principles of Education.	Child Study (Genetic Psychology).
Methods (Arithmetic).	Methods (Geography).
Public Speaking.	Drawing.
Drawing.	Physical Training.
Physical Training.	Electives:
Electives:	Botany.
Botany.	Chemistry of Common Life.
Chemistry of Common Life.	Roman History.
Greek History.	Sociology.
Sociology.	Economics.
Economics.	

III. NORMAL COURSE *for those who are not High School graduates.* This will consist of a review of the common branches with the methods of teaching them, and work selected from the Academy course with the earlier courses in education.

Conservatory of Music

Conservatory of Music

THE FACULTY.

FRANCIS STRICKLAND, PH. D.
President of the College.

FRANK E. BARROWS.
Director of the Conservatory and Instructor in Piano, Pipe Organ and History of Music.

EVERETT OLIVE, MUS. B.
Instructor in Piano and Theory of Music.

ELLIS RHODES.
Instructor in Voice Culture.

PERSIS HEATON, MUS. B.
Instructor in Piano.

HERBERT J. HARVEY.
Instructor in Violin.

EFFIE SILLIMAN-KIMER.
Instructor in Public School Music, and Normal Methods in Music.

Simpson College Conservatory of Music

THE purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

An intelligent interpretation of a great musical work can be given only by one who has the mental training which enables him to grasp the noblest thoughts of the great composers. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The Conservatory is situated in a pleasant college town, and because of its moderate size its faculty can meet the needs of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact, we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantages of school over private instruction are apparent. No matter what course be selected. the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building is a substantial structure of pressed brick. This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. In the building are teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the students for practice at a nominal fee. From observing the work of the students we find that those who

do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on an excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or voice, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for, and is one of our chief advantages, as we do not have to wait, and send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano. Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follow music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. A course in Public School Methods.

BEGINNERS.

From the inquiries that come to the Conservatory office it would seem many have formed the opinion that we accept only advanced pupils in the various lines of musical culture. This is an erroneous idea. While each year we receive an increasing number of advanced students, we also are especially pleased to take those who are just beginning their musical studies. Many who have taken up their studies here from the beginning have made unusual progress, as from the first they have had correct teaching and have not formed habits of careless practice and performance. Pupils of all grades are accepted and will find here instructors who will suit the instruction to their special needs.

COURSES LEADING TO DIPLOMAS AND CERTIFICATES.

Each one who wishes to meet the full requirements leading to the degree of Bachelor of Music, must, before he can register as a Junior, obtain from the Registrar at the college office a written statement that his high school or academy grades have been accepted in the customary way as meeting the full requirements for admission to Simpson College (see pages 30-34 of this catalogue), or that he is then registered in classes which, on the completion of the work, will entitle him to the diploma which is awarded with the degree.

Each student beginning work with us with a view to graduation, should bring with him and take to the Registrar at the college office, a certificate of work done in high school, and, in case the high school is not on the accredited list of the North Central Association, bring with him also his laboratory note books and a list of text books used in the various classes. All adjustments with reference to credits should be attended to as early as possible in the Conservatory course. Those whose unit in science is not elementary physics will be required to study the physics of sound with the Academy class.

The theoretical requirements of the Conservatory for Courses II and III are as follows: Harmony, six terms; Counterpoint, three terms; Analysis, three terms; Musical History, three terms; Biography of Musicians, three terms; Ear Training, two terms. In addition to the theoretical requirements, it is also necessary to complete the required work in either voice, piano, violin or pipe organ. The length of time required to complete Courses I and III depends upon the ability of the pupil, and upon his concentration and industry. Few, however, are able to complete the work in less than four years.

The fee for the diploma is five dollars.

Those who may not wish to take the full course leading to the degree of Bachelor of Music are given the full advantages of the Conservatory and, on the completion of the theoretical requirements of the Conservatory as above outlined, are awarded the certificate of the Conservatory, indicating that the courses named have been completed. The fee for the certificate is three dollars.

Students who may be candidates for both the Bachelor of Arts and the Bachelor of Music degrees must elect additional hours, as the same work cannot be counted toward both degrees.

THE DEPARTMENT OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and diminished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3d Term. The suspension, retardation, anticipation, unessential notes, organ points, dissonances, harmonization of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double and triple counterpoint.

3d Term. Quadruple counterpoint. Counterpoint in five, six, seven and eight voices.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette. Scherzo, Suite. Canon and fugue. With examination of the works of the classical composers in all the above musical forms.

3d Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

SINGING.

Singing is the musical interpretation of text, by means of the human voice. It logically follows then that the first and most important factor in singing is the presentation of the story; a presentation which puts the listener in a comfortable frame of mind, causing him to follow the story being sung just as he would were a splendid orator presenting it.

Often a young person, through good environment, and opportunity of hearing English well spoken as well as sung (which is a rarity), will sing simply and easily, and even artistically. Everyone enjoys hearing such a performance, and soon a teacher is in charge of the career of the promising beginner.

Instead of following along the path so happily stumbled upon, the poor victim is usually overwhelmed by mythical and vague instruction to "place the tone." "Placing" a tone is just about as sure and tangible in its value as a means of acquiring control of one's vocal possibilities as the finding of the proverbial haystack needle.

A proper pronounciation of the vocal sounds and handling of the consonants is the greater part of vocal training. Scales necessarily must be sung with regularity, and special physical exercises practiced to eradicate whatever stiffness may exist in the respiratory or vocal muscles, and this only tends to bring about a balance and poise, physical and mental.

The balance being established, the student is ready to begin the development of his text presentation, as the vocal powers are now under control; and the mood of the singer is just as simply expressed, without thought of "nasal resonance," "head" or "chest tones" as is that of a child who possesses the ability of expressing whatever it feels; and this is absolutely all so-called "tone placing" means.

The aim of the vocal department of Simpson Conservatory is to bring about such results, and even the choruses, Glee Clubs, etc., are rigidly required to present their work so clearly that anyone, however unmusical, may see the picture and understand the story presented.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow, arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced and musical studies and pieces. Ensemble playing, orchestral work, and the study of such pieces as are suitable for public performance.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week through the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the North; the Troubadors; influence of the Church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extend throughout the year, one lesson per week.

PIANO.

COURSE I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces selected as are calculated to cultivate a pleasing musical touch. Committing to memory is insisted upon from the first of the course to its completion.

COURSE II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

COURSE III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform; and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals, and is able to follow the parts clearly, he takes up the easier compositions by Bach, and the more modern composers.

COURSE III. Work designed to prepare the pupil for the concert platform or for teaching.

PUBLIC SCHOOL SUPERVISOR'S COURSE.

1st Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch, and rhythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of melody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rhythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

4th Term. Advanced methods. Practice teaching in the public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music, Choruses, Glee Clubs, sight singing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith Series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company. Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board, the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is largely observation work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.

TUITION.

Registration fee (required same as in College).

Piano or Pipe Organ, Mr. Barrows....	$29.00	$27.00	$19.00
Piano, Mr. Olive	26.00	24.30	17.10
Piano, Miss Heaton	20.30	18.90	13.30
Vocal, Mr. Rhodes	29.00	27.00	19.00
Public School Methods, Miss Silliman....	14.00	13.00	10.00

Violin or Cello, Mr. Harvey	20.30	18.90	13.30
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Musical History, Ear Training or Biography of Musicians	5.00	5.00	5.00
Piano rent, one hour a day per term	3.00	2.75	2.25
Pipe Organ Rent, Conservatory Organ	4.00	4.00	4.00
Pipe Organ Rent, Church Organ	5.00	5.00	5.00
Music Rent (required, each instrument or voice)	1.50	1.50	1.50

NOTE.—Special prices for Miss Heaton to pupils of Indianola Public Schools are: Fall Term, $14.50; Winter Term, $13.50; Spring Term, $9.50.

Students are expected to take two lessons per week in each branch pursued.

By special arrangement being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Rhodes	$1.25 per lesson
Of Mr. Olive	1.00 per lesson
Of Mr. Harvey	.80 per lesson
Of Miss Heaton	.60 per lesson

DISCOUNT. A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advance.

The study of two instruments and two branches of musical theory, or one instrument and voice, and two branches of musical theory, constitute "full music work."

School of Business

School of Business

GENERAL PURPOSES. The School of Business of Simpson College furnishes instruction in all departments of business education.

REQUIREMENTS FOR ADMISSION. Those who enter on the business course should have completed the common branches. Students deficient in these studies may enter the normal classes where, in connection with the methods of teaching, reviews of the grade school studies are given. Grades from high schools will be accepted as in the departments of the college.

COLLEGE CREDIT FOR COMMERCIAL STUDIES. In connection with the regular course, students who are candidates for the degree of Bachelor of Arts may elect the work in the School of Business for which College credit will be given, in accordance with the following plan:

Group I—

Bookkeeping (Inductive Set).
Commerce and Transportation.
Business Correspondence.
Rapid Calculation.
Penmanship.
Credit for Group I, Three Hours.

Group II—

Bookkeeping (Advanced).
Commercial Law.
Penmanship.
Credit for Group II, Three Hours.

Group III—

Advanced Bookkeeping (Commission, Corporation, Banking).
Business Practice (Four to six weeks).
Office Practice (Six to eight weeks).
Penmanship.
Credit for Group III, Four Hours.
Total, Ten Hours.

DIPLOMA COURSE OF THE SCHOOL OF BUSINESS. This course will consist of the work of the School of Business and in addition thereto, three full years' work in an accredited high school, or in the Academy.

CERTIFICATE COURSE OF THE SCHOOL OF BUSINESS. This course consists of the work of the School of Business and the completion of the ordinary common school branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

THE BUSINESS COURSE. Rapid Calculation, Penmanship, Business Correspondence, Bookkeeping in all forms, both simple and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, Elementary Composition, Elocution, Commerce and Transportation and Economics.

TIME REQUIRED. The length of time required to complete either of the above courses will of necessity depend upon the previous preparation and ability of the student. We frequently receive students who complete either of the above courses in one year, others will require a longer period to do the work and properly prepare themselves for a successful business career.

BUSINESS WRITING. Neat, legible and rapid handwriting is a matter of the first importance in a business education. It is often the final and decisive matter in obtaining employment. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for those desiring to devote themselves exclusively to penmanship, especially as teachers of the art. The pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

METHOD OF TEACHING BOOKKEEPING. The pupil is taught the principles of Bookkeeping through the medium of sets so arranged that he is able to advance without difficulty. He is instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book. A student can begin the subject at any time as he receives individual instruction in the work.

CORRESPONDENCE. Every Commercial student makes Letter-Writing a special study, as the most delicate and complicated transactions are often required to be adjusted by letter. The great amount of business transacted through correspondence shows the importance of this subject. The work is completed in one semester but is offered in both first and second semesters.

RAPID CALCULATION is one of the most important branches taught in a business course. Quick and accurate calculation is one of the qualifications usually set forth by an employer. Drill in rapid calculation, including addition, subtraction, interest and discount, multiplication, the use of aliquot parts, division, quick methods of handling fractions, etc., are given in order that the student may become proficient in both speed and accuracy. Course is completed in one semester. Offered in both first and second semesters.

COMMERCE AND TRANSPORTATION. This study deals with the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library. The subject is offered the first semester.

COMMERCIAL LAW. The law of Contracts and Negotiable paper, also the law governing Agencies, Partnerships, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments, and Insurance. The subject is offered the second half of the first semester.

ELOCUTION. The aim of this course is to develop ease and naturalness in conversation and in public speaking. Faults in breathing, articulation, and pronunciation are corrected in the first semester. In the second semester, practice is given in conversation and extemporaneous speaking. The course is required of all students who are not graduates of accredited high schools. The class meets one hour per week throughout the year.

ECONOMICS. A brief course intended to give a general practical knowledge of the economic laws governing the production and distribution of wealth. Ely's Economics is used as a text. Offered the second semester.

ELEMENTARY COMPOSITION. This course is especially designed to give students thorough drill in the elements of spelling, grammar, and composition. Some attention will be given to letter-writing and to the general appreciation of good style. Offered during the second semester.

BUSINESS PRACTICE. Continues through the entire course. In connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practices. We have separate offices for a Wholesale House, a Bank, a Commercial Exchange, and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms of the country.

THE COLLEGE NATIONAL BANK is conducted on the principles of the national and private institutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists of buying and selling goods at wholesale, keeping a set of books, attending to correspondence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house in the country.

TEXT BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES. The School of Business has many advantages over the ordinary business college which come from its connections with a first class literary and scientific institution. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business. These advantages are considerable and add to the element of general culture. The moral surroundings of Indianola are unsurpassed, the expenses of living low and the tuition charged is less than in many places where similar training is offered.

TRAINING FOR COMMERCIAL TEACHERS. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character for her students. For several years there have been more applications for graduates to teach commercial branches than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such positions.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business receive the degree of Bachelor of Arts.

DIPLOMA COURSE. Those who complete the course in the School of Business and three full years' work in accredited high schools, or have done equivalent work in other schools, receive a Diploma. (Diploma fee $3.)

CERTIFICATE COURSE. Those who complete the course in the School of Business and the common school branches, receive a Certificate of graduation. (Certificate fee $3.)

COLLEGE CREDIT. Students who have completed the Business Course will receive credit for ten semester hours for this work in the College of Liberal Arts.

EXPENSES.

Tuition in School of Business, per semester	$30.00
Semester fee, per semester	5.00
College with commercial branches	35.00

One two or three hour course may be taken in the College by Commercial students, or in the Business School by College students without the extra charge for combination course. But this is allowed only when the total number of hours for which the student is registered does not exceed 16.

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

The department of Shorthand and Typewriting is a part of the School of Business. The work and instruction is largely individual. Students are admitted at any time and are not compelled to wait for the formation of classes in order to begin their work.

TEXT-BOOKS. The "Gregg" System of Shorthand, which is rapidly becoming the leading system in America, is used. "Rational Touch Typewriting," by the Gregg Pub. Co., is used for machine instruction. These books are among the best on the market and are so arranged that thoroughness and rapid advancement are both kept uppermost in the work. The present demand for teachers of the "Gregg" system, has led us to adopt these books.

Business Correspondence, Rapid Calculation, Penmanship and Spelling are a part of our course and are required of each pupil before he will be allowed to graduate. When the whole time is devoted to the work, it should be completed in one school year at the most by the person of average ability.

The typewriters in use in the department are the Underwood and Monarch. They are kept in good condition and the student is impressed with the idea that accuracy is never to be sacrificed to speed. Touch Typewriting is taught exclusively.

ENTRANCE REQUIREMENTS. The applicant for instruction in this department must have completed the work of the eighth grade and be able to produce passing grades in all the common branches.

GRADUATION. The student will be recommended for graduation when able to write shorthand at the rate of one hundred words per minute for five consecutive minutes on new matter and re-read it; to operate the typewriter at the rate of forty words per minute from copy or dictation, and have grades of at least 85 per cent in Correspondence and Spelling. It is our plan to give the student a thorough training for the work that he will be expected to take in the business office or have to do in teaching.

EXPENSES. Tuition in Shorthand and Typewriting, including typewriter rent, per term of 9 weeks, $18; per semester of 18 weeks, $35.

COMBINED COURSES. Students who desire to add the work in Shorthand and Typewriting to the work of the College or School of Business will be charged tuition as follows per semester:

College or Business School with Shorthand and Typewriting	$40.00
Academy with Shorthand and Typewriting	35.00
College or Business School with either Shorthand or Typewriting	35.00
Academy with either Shorthand or Typewriting	32.00

Summer School

THE Summer Session of Simpson College begins June 5th, 1914, and continues for eight weeks. Summer work is offered by the School of Education, Conservatory of Music and School of Business.

PURPOSE.

In arranging the work of the summer school, the following persons have been kept specially in mind: 1st. Teachers who wish instruction in Agriculture, Domestic Science and Manual Training, in order that they may meet the requirements of the new school law; 2d, for teachers holding second and third grade certificates, who desire to improve their work and secure certificates of better grade; 3d, for those who have not yet taught but who wish to secure the normal training now demanded of all who apply for teachers' certificates; 4th, for any who need a thorough review of the common branches in order to obtain an Eighth Grade diploma, or High School entrance credits; 5th, College students who wish to bring up conditions or to secure extra work toward their graduation.

A special Summer School Bulletin is issued showing the courses offered and other information concerning the Summer Session. This Bulletin will be mailed on request.

Classified List of Students Enrolled in College

Register of Students

DEGREES CONFERRED IN 1913.

Doctor of Divinity.

Rev. R. E. Shaw, A. B.	Indianola, Iowa

Master of Arts.

Rev. R. Burton Sheppard, A. B	Humeston, Iowa

Bachelor of Arts.

Myron S. Anderson	Indianola
Stanley E. Anderson	Indianola
Carl H. Butler	Indianola
Ruth E. Condit	Indianola
Relta E. Coryell	Indianola
John M. Dudley	Carroll
Rex A. Dunn	Milo
Harold R. Foster	Williams
Edna Garnes	Bayard
Ray S. Hardin	Indianola
Emma Harned	Indianola
Wilhma Hastie	Indianola
Ivan M. Hoffman	Redding
A. Berniece Hunsicker	Indianola
Ralph R. Huston	Russell
Oscar Jones	Indianola
Lois Karr	Indianola
Lottie Lauck	Indianola
Cleo Leckliter	Corning
Ethel MacFadon	Emerson
Elbert C. Martin	Melrose
William Mathews	Blanchard
Ethel McGranahan	Indianola
Robert Miller	Tingley
Francis Moats	Villisca
Fred Morley	Bedford
Grace Moss	Indianola
John W. Piffer	Indianola
Herbert Porterfield	Indianola
Margaret Rink	Oakland
Frank Rusk	Indianola
William A. Sells	Indianola
Beulah Shriver	Indianola
Lenore Snodgrass	Indianola

Besse S. Tilton	Indianola
Paul Vollmar	Indianola
Emma S. Walker	Paton
Hattie Waechter	Indianola
Joseph D. Wayt	Indianola
Edith M. White	Afton
Helen Whitney	Indianola
Helen Wilson	Hastings

GRADUATES FROM THE ACADEMY.

Harry Bullis	Council Bluffs
Edith Carlson	Hastings
Glen Daft	Griswold
Lola Prall	Carlisle
Lester Shore	Russell
Charles Trumbo	Indianola
Howard Wright	Indianola

GRADUATES FROM THE SCHOOL OF BUSINESS.

Diploma Course.

Stanley Anderson	Indianola
Walter Bartholemew	Indianola
Emerson B. Cumming	Indianola
Nelson Goodsell	Lenox
Ruth Harp	Prairie City
Ivan M. Hoffman	Redding
Ralph Huston	Russell
Fred Melton	Clearfield
Robert Miller	Tingley
Morton Mitchell	Orillia
Howard Noble	Indianola
John Piffer	Indianola
William A. Sells	Indianola
Ralph Shoemaker	Rippey
Lester Shore	Russell
Hurford Stone	Indianola
Paul Vollmar	Indianola
Owen White	Indianola

Certificate Course.

C. E. Melton	Clearfield

Diploma in Stenography.

Verna Dunn	Beardstown, Ill.
Helen O. Price	Indianola

Certificate in Stenography.

Kathryn Cooper	Prairie City

GRADUATES FROM THE CONSERVATORY OF MUSIC.

Certificate in Piano Course.

Blanche McCombs	De Soto

Diploma in Public School Music Course.

Rosetta Bollbaugh	Osceola
Ruth Chase	Leon
Helen Hobson	Indianola
Leola Iler	Indianola
Josephine Muilenburg	Knoxville
Lela Schmidt	Hancock
Hazel Williams	Indianola

Certificate in Public School Music Course.

Florence Ross	Little Rock

HONORS.

Annual.

Myron Anderson	Senior	Indianola
Relta Coryell	Senior	Indianola
Hazel Healy	Junior	Bedford
Grace Moss	Senior	Indianola
Howard Noble	Junior	Indianola
Ernest Shaw	Freshman	Indianola
Ralph Stevens	Sophomore	Hancock
Grace VanVlack	Junior	Atlantic
Marie Winslow	Sophomore	Indianola
Ethel Wycoff	Junior	Corning

COLLEGE HONORS.

Grace Moss	Indianola

DEPARTMENTAL HONORS.

In English.

Relta Coryell	Indianola
Grace Moss	Indianola
Lenore Snodgrass	Indianola

In German.

Lottie Lauck	Indianola
Ethel McGranahan	Indianola

In Physics.

Ray S. Hardin	Indianola
Besse S. Tilton	Indianola

STUDENTS REGISTERED SINCE COMMENCEMENT, 1913.

SENIORS.

(Completion of 85 semester hours required for classification as Senior.)

NAME.	MAJOR.	ADDRESS.
Anderson, C. R. S.	Biology	Minburn
Bardrick, Walter A.	Mathematics	Indianola
Boss, Ellen	English	Indianola
*Brown, Genevieve	Latin	Indianola
Butler, Lee	Mathematics	Indianola
Chase, Mabel	German	Leon
Dudley, Warren	Philosophy	Indianola
Fleck, Warren	Chemistry	Indianola
Goodsell, Nelson		Bedford
Grimes, Margaret	History	Derby
Harp, Ruth	Education	Prairie City
Harvey, Irene	English	Madrid
Haseltine, Berenice	English	Grand Junction
Healy, Hazel	Latin	Bedford
Henderson, V. W.	Greek	Des Moines
Hunt, Anna	English	Los Angeles, Cal.
Jackson, Charles	Chemistry	Kellerton
Jobes, Olga	English	Atlantic
Maxwell, Vera	Philosophy	Indianola
Moore, Una	Chemistry	Indianola
Nicholas, Kate	English	Thandaung, Burma
Noble, Howard	Latin	Indianola
*Pemble, Harold		Indianola
Piffer, Anna	English	Indianola
Potts, Lulu	German	Malvern
Ruby, Ima	Latin	Indianola
Schimelfenig, Kathryn	English	Indianola
Shaw, Mary	Philosophy	Indianola
Smith, Francene	Latin	Winterset
Sones, Howard	Philosophy	Indianola
Starks, Mary	English	Mitchellville
Stephens, M. Hugh	Chemistry	Lenox
Stubbs, Walter C.	Biology	Riverton
Thompson, Albert	Philosophy	Stuart
Thompson, Mary	English	Indianola

*A. B. degree conferred at the mid-year convocation, February 2, 1914.

NAME.	MAJOR.	ADDRESS.
Van Vlack, Grace	Latin	Atlantic
Vollmar, Grace	English	Indianola
Weeks, Dale	Chemistry	Indianola
White, Mary H.	Greek	Indianola
*Wycoff, Ethel	Mathematics	Corning
Wycoff, Ray	Biology	Indianola

*A. B. degree conferred at the mid-year convocation, Feb. 2, 1914.

JUNIORS.

(Completion of 54 semester hours required for classification as Junior.)

Bates, Ruth	Latin	Indianola
Bennett, Sylvia	Chemistry	Lacona
Bradford, Mary	Chemistry	Milo
Bradshaw, Mary	Music	Indianola
Chamberlin, Faye	English	Glenwood
Coffin, Jessie	English	Indianola
Colburn, Jay C.		Indianola
Crabbe, Eloise	English	Harlan
Dewey, Arthur	Philosophy	Murray
Dyke, John	History	Indianola
Fouts, Ross	Philosophy	Riverton
Fox, Alberta	Latin	Winterset
Fry, Rema	Music	Knoxville
Helsley, Charles	History	Denison
Hunnicutt, Hazel	Philosophy	Indianola
Jones, Eleanor	English	Winterset
Kastner, Vada	German	Boone
King, Nina	English	Corydon
Lamb, Doris	German	Indianola
Lundy, Hugh	History	Indianola
Mapes, Harold	Mathematics	Hancock
Miller, Joyce	Philosophy	Indianola
Mitchell, Ena	Biology	Weldon
Morley, Ina	English	Bedford
Naylor, Douglas O.	English	Bagley
Peck, Harold M.	Physics	Indianola
Pote, Lelah	English	Stuart
Rimel, Warden	Philosophy	Malvern
Ruggles, Ethel	English	Indianola
Saur, Theodore	Physics	Indianola
Scofield, Vera	Music	Carson

NAME.	MAJOR.	ADDRESS
Schrier, Edna M.	Philosophy	Indianola
Slocum, Edwin	Philosophy	Indianola
Spry, Marjory	English	Clarinda
Stubbs, William	Chemistry	Riverton
Tennant, Lyda	Latin	Dana
Trumbo, Rolla		Indianola
Waechter, Susie	Music	Indianola
Weldin, Cleo	German	Indianola
Winslow, Marie	Latin	Indianola

SOPHOMORES.

(All Entrance Deficiencies removed and the completion of 23 semester hours required for classification as Sophomore.)

Adams, Arthur H.	Indianola
Agan, Norma	Glenwood
Anderson, Enoch	Indianola
Anderson, Hilma	Perry
Barborka, Clifford	Denison
Barger, Harold	Browning, Mont.
Barker, Edith	Indianola
Betts, Adelbert	Indianola
Blattenburg, Clare	Indianola
Brown, Leah	Harlan
Burgess, William L.	Indianola
Butterfield, Mary	Indianola
Clark, Olive	Indianola
Cole, Dorothy	Des Moines
Crabbe, Amy	Indianola
Cuthbertson, Duncan	Indianola
Dunn, Max	Milo
Erwin, Ruth	Indianola
Falls, Orr	Diagonal
Fish, Clarence	Cambridge
Frye, Ermil	Kahoka, Mo.
Griffin, Cecil E.	Montezuma
Gump, E. A.	Seymour
Hammers, Amy	Malvern
Harris, Earl B.	Gravity
Hastie, Helen	Indianola
Hurst, Georgia	Leon
Jewett, Halleck	Indianola
Kelly, Iva C.	Albuquerque, N. Mex.
Kern, Herman	Norwalk
King, Quin	Seymour
King, Regna	Corydon
Long, Bessie	Mt. Ayr
McClure, Gretchen	Indianola
McGriff, Jennie	Carlisle
Martin, Claude	Indianola

Mathews, Helen	Guthrie Center
May, William	Mt. Ayr
Merritt, Vera M.	Mt. Ayr
Merritt, Vesta	Mt. Ayr
Mitchell, Ella	Orillia
Morris, Olive	Derby
Noble, Ernest	Indianola
Peck, Grace	Indianola
Peterson, Mirma	Indianola
Phillips, Bessie	Henderson
Phillips, Gayle	Henderson
Pickard, Clarence	Indianola
Pickard, Fannie	Indianola
Pote, Harold	Stuart
Roberts, Mae	Boone
Rundberg, Donald	Yale
Samson, Emory	Des Moines
Shaw, Ernest	Indianola
Simmers, John	Indianola
Smith, Harry G.	Hancock
Stewart, Emile	Ingomar, Mont.
Thompson, Ruth	Indianola
Thornley, Charlotte	Perry
Throckmorton, Scott L.	Chariton
Tinsley, Marie	Harlan
Watson, Julia	Indianola
Weingart, Gladys	Carlisle
Wolfe, Edward	Harper
Wright, Howard	Indianola
Wright, Margaret	Indianola
Wright, Winifred	Denison
Yarnall, Mamie	Carlisle

FRESHMEN.

Allyn, Georgia	Mt. Ayr
Anderson, Aural	Indianola
Anderson, Helen	West Liberty
Baker, Esther	Corning
Baker, Florence	Corning
Banks, Maude	Gravity
Barker, Clare	Indianola
Barton, Muriel	Indianola
Bates, Grace	Indianola
Bellman, Edna	Indianola
Benway, Belle	Kellerton
Billings, Elmer	Riverton
Bingaman, Orton	Indianola
Bitting, Carrie	Indianola
Bone, Carl O.	Seymour
Braucht, Repha	Indianola
Brewer, Ralph	Indianola
Brockway, Esther	Indianola
Brown, Fletcher	Coon Rapids

Brown, Paul	Indianola
Buchanan, Anna	Clearfield
Buxton, Ruth	Indianola
Carter, Lucile	Burlington Junction, Mo.
Chandler, Elva	Hamburg
Chandler, Robert	Hamburg
Childs, Gladys	Lenox
Cole, Bruce	Clarinda
Coryell, Rex	Indianola
Crabbe, Ernest	Indianola
Cunningham, Fenner	Allerton
Cuthbertson, Margaret	Indianola
Daft, Glen	Griswold
Dickerson, Artie	Mt. Ayr
Drake, Vernon	Mt. Ayr
Dudley, Harold	Indianola
Ellis, Wayne	Rippey
Ensley, Charles	Chariton
Ensley, George	Chariton
Ford, W. Fay	Guthrie Center
Gard, Ethel	Grand River
Grant, Arthur	Diagonal
Graves, Harold	Woodbine
Graves, Nile	Indianola
Griffith, Arthur	Des Moines
Groves, Harry R.	Indianola
Halden, Jesse	Indianola
Head, Kathleen	Jefferson
Helsley, Marie	Denison
Henry, Harry D.	Van Meter
Hill, Archie R.	Villisca
Holmes, Kenneth	Corydon
Honnold, Junia	Indianola
Jackson, Harold	Redding
Jennings, Charles	Redding
Jobes, H. Marshall	Atlantic
Johnson, Carl W.	Indianola
Jones, Louise	Denison
Jones, Marcus	Denison
Karr, Anna	Indianola
Keeney, Foss	Indianola
Kennedy, Mildred	Nodaway
Kent, Pearl	Indianola
King, Elizabeth	Corydon
Kinrade, C. J.	Indianola
Kirk, Isabel	Panora
Larson, Jessie	Cambridge
Le Gore, Paul	Jefferson
Lillie, Alta	Indianola
Lyman, Ethel C.	Nevada
McDade, Paul	Atlantic
Manker, Dean	Elliott
Manley, Daisy	Milo

Manning, Evelyn	Minburn
Merritt, Vera L.	Glidden
Miller, Edna	Norwalk
Miller, Hortense	Coin
Miller, Roy L.	Indianola
Millhone, Paul	Clarinda
Milligan, Lester	Clarinda
Moats, Harlan	Villisca
Moats, Ray P.	Villisca
Moore, Ruby K.	Indianola
Mott, Mildred	Marengo
Nevius, Carl W.	Bedford
Orr, Carl A.	Indianola
Painter, Maude	Lewis
Peasley, Harold	Indianola
Pendry, Louis C.	Indianola
Pennington, Will	Albia
Perry, Dorothy E.	Indianola
Perry, Harriet	Indianola
Pickard, Wayne	Indianola
Porterfield, Dorothea	Indianola
Porterfield, Edd	Indianola
Reese, Rena	Knoxville
Reid, Alice I.	Bedford
Rosenberger, Elva	Guthrie Center
Rowe, Paul	Glenwood
Rowley, Laurie	Adair
Rusk, Helen	Villisca
Sayre, Raymond	Indianola
Schmidt, Merna	Hancock
Scurr, Helen	Glidden
Shannon, Gaylord	Indianola
Shannon, Glover	Indianola
Shaw, Gladys	Indianola
Sheppard, Jenave	Mt. Ayr
Sill, Hale	Indianola
Smith, Howard	Indianola
Stephen, Byron V.	Dow City
Sterrett, Irene	Boone
Sterrett, Lillian	Boone
Stewart, Harrell	Chariton
Tharp, Carl	Indianola
Traub, Abram	Indianola
Turkington, Ernest B.	Nevada
Warren, Harold	Indianola
Warrick, Mae	Mt. Ayr
Weinman, W. C.	Indianola
Whiting, Helen H.	Waukee
Williams, Solon	Indianola
Wilson, Glen	Clearfield
Wright, Don D.	Indianola

ACADEMY.

FOURTH YEAR.

Beery, Florence	Indianola
Bell, Franklin	Chariton
Boss, Elsie	Indianola
Bracewell, Alva	Indianola
Brown, Harry	Shannon City
Castle, Florence	Yorktown
Cleveland, Carl	Milo
Downard, Besse	Shannon City
Ervin, Frank	Kellerton
Feldtmose, Peter	Aalborg, Denmark
Grant, Lola	Diagonal
Gray, Mervin	Oakland
Haupert, Frank	Perry
Ingvoldstad, Fred	Indianola
Ingvoldstad, Lorna	Colorado Springs, Colo.
Johnston, Bernice	Chariton
Kaessner, Carl	Omaha, Neb.
Kern, Louise	Norwalk
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Kunze, Willie	Lewis
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Helzer, Myrtle	Graham, Mo.

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Shike, Nellie	St. Charles
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Wood, Florence	Indianola

UNDER THIRD YEAR.

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Clark, Paul	Bedford
Cree, Gladys M.	Luther
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Hiatt, Josephine	Ackworth
Hickman, Elmer L.	Indianola
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Hollowell, Ralph D.	Dallas
Johnson, A. Carl	Indianola
Larimer, Lucy	Russell
Miller, Murray	Redding
Nellis, Fred	Indianola
Poling, Bertha	Lacona
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Prall, Glen E.	Columbia
Ribbe, John	Indianola
Shields, Lulu	Grand River
Stump, Webb	Melrose
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Jones, Raymond	Indianola
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Miller, Lucile	Coin
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Waechter, Susie	Indianola
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White, Narsa	Indianola
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Schimelfenig, Margaret	Indianola
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Woodyard, Mabel	Indianola

Summary

COLLEGE OF LIBERAL ARTS.

Seniors	41	
Juniors	40	
Sophomores	68	
Freshmen	123	272

THE ACADEMY.

Fourth Year	44	
Third Year	12	
Below Third Year	24	80

OTHER DEPARTMENTS.

SPECIALS	13	
SCHOOL OF BUSINESS	68	
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SUMMER SCHOOL, 1913	65	339
GRAND TOTAL		691
COUNTED MORE THAN ONCE		145
NET TOTAL		546

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4/15

Sixteenth Series QUARTERLY BULLETIN Number 3

CATALOGUE

OF

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INDIANOLA, IOWA
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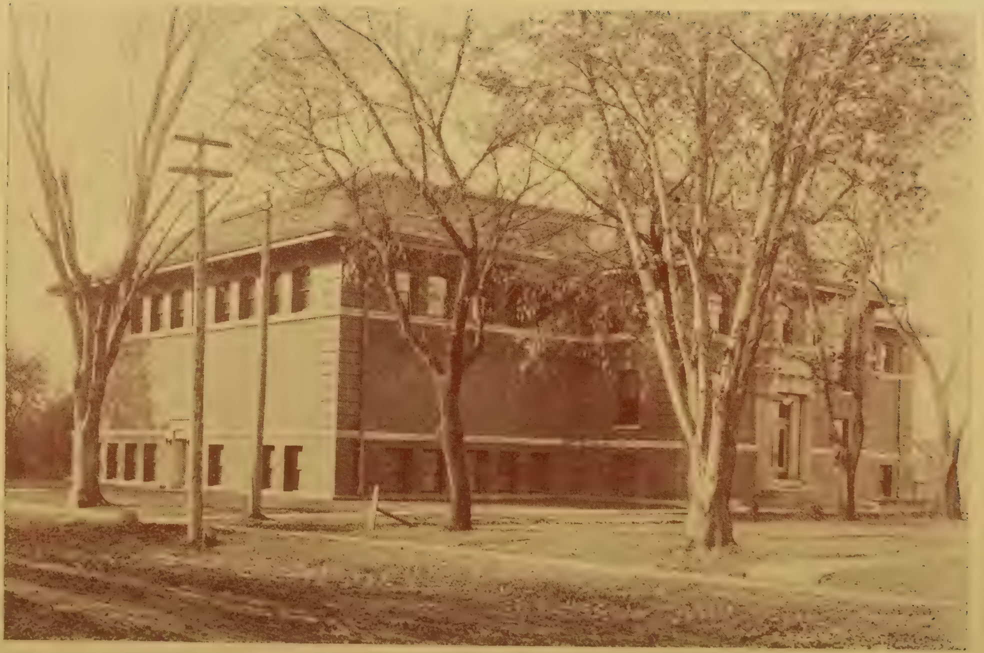

Hopper Gymnasium--Simpson College

QUARTERLY BULLETIN
OF SIMPSON COLLEGE

Series 16 APRIL, 1915 No. 3

Published by the College in the months of December, February, April and May of the college year. Entered at the Postoffice at Indianola, Iowa, as second-class matter.

The Catalogue

1915 - 1916

1. *College of Liberal Arts*
2. *Academy*
3. *Conservatory of Music*
4. *School of Business*
5. *Normal Courses*

INDIANOLA, IOWA

Calendar of College Events

1915-1916

1915

April 1 Thursday, 4:25 P. M., Easter Recess begins.
April 6 Tuesday, 8:00 A. M., Easter Recess ends.
June 6 Sunday, Baccalaureate Sermon.
June 6 Sunday, College Vesper Service.
June 8 Tuesday, Class Day.
June 9 Wednesday, Alumni Day.
June 10 Thursday, Forty-eighth Annual Commencement.
June 14 Monday, Summer School begins.
July 26 Friday, Summer School ends.
Sept. 13 Monday, Registration begins.
Sept. 15 Wednesday, 8:00 A. M., Classes begin.
Sept. 15 Wednesday, 8:00 P. M., Fall Convocation.
Sept. 18 and 25, Entrance Examinations.
Oct. 21 Thursday, College Missionary Day.
Nov. 24 Wednesday, 4:25 P. M., Thanksgiving Recess begins.
Nov. 30 Tuesday, 8:00 A. M., Thanksgiving Recess ends.
Dec. 17 Friday, 4:25 P. M., Holiday Recess begins.

1916

Jan. 4 Tuesday, 8:00 A. M., Holiday Recess ends.
Jan. 25 to 27, Mid-Year Examinations.
Jan. 31 Monday, Registration.
Feb. 1 Tuesday, 8:00 A. M., Classes begin.
Feb. 1 Tuesday, 8:00 P. M., Winter Convocation.
Feb. 10 Thursday, Day of Prayer.
April 20 Thursday, Easter Recess begins.
April 25 Tuesday, Easter Recess ends.
June 4 Sunday, 10:45 A. M., Baccalaureate Service.
June 4 Sunday, 4:30 P. M., College Vesper Service.
June 6 Tuesday, Class Day.
June 7 Wednesday, Alumni Day.
June 8 Thursday, Forty-ninth Annual Commencement.

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A. B., New York University, 1893.
S. T. B., Boston University School of Theology, 1896.
Graduate Student Boston University, 1896-97.
Graduate Student Berlin University, 1897-98 on the Jacob Sleeper Fellowship, of Boston University.
Ph. D., Boston University, 1904.
D. D., Baker University, 1911.
410 *West Girard Avenue.*

W. M. DUDLEY, D. D.

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B. S., Iowa State College, 1882.
S. T. B., Garrett Biblical Institute, 1886.
D. D., Garrett Biblical Institute, 1912.
605 *North B Street.*

W. E. HAMILTON, A. M., D. D.

Professor of Philosophy (Emeritus).

JOHN L. TILTON, A. M., PH. D.

Professor of Geology and Physics.

A. B., Wesleyan University, Middletown, Conn., 1885.
Graduate Student and Assistant, 1886-8. A. M., 1888.
Graduate Student in Geology, Harvard University, 1894-5. A. M., 1895.
Fellow in Geology at The University of Chicago, 1902-3. Ph. D., 1910.
405 *North B Street.*

JOANNA BAKER, A. M.

Professor of Greek Language and Literature, Associate Professor of Latin.

A. B., Cornell College, 1882.
A. M., DePauw University, 1889.
A. M., The University of Chicago, 1903.
411 *North B Street.*

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Principal of School of Business.

B. C. S., Tri-State Normal School.
210 *West Iowa Avenue.*

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Graduate Oberlin Conservatory of Music.
Student of Music, Berlin, Germany.
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G. E. Carpenter Professor of Latin Language and Literature. (Chair endowed by Mr. and Mrs. Harry E. Hopper.)

A. B., Alma College, 1893.
A. M., University of Michigan, 1902.
508 *North A Street.*

EDWIN A. JENNER, A. M.

Professor of Biology.

B. S., Simpson College, 1903.
Graduate Student University of Iowa, 1904-05.
Fellow in University of Wisconsin, 1906-07.
A. M., University of Wisconsin, 1907.
Corner Detroit and North C Street.

J. ALLEN BAKER, M. S.

Professor of Chemistry.

B. S., Denison University, 1907.
M. S., Ibid, 1908.
1001 *North B Street.*

HILDEGARDE JEND, A. M.*

Professor of German Language and Literature.

A. B., German Wallace College.
A. M., University of Michigan.

CLYDE W. EMMONS, A. M.

Professor of Mathematics and Astronomy.

A. B., Albion College, 1903.
A. M., University of Illinois, 1909.
Graduate Student University of Illinois, 1909-10.
1009 *North B Street.*

JOHN P. MORLEY, S. T. B., A. M., PH. D.

Wm. Buxton Professor of Philosophy.

(Chair endowed by Wm. Buxton.)

A. B., Simpson College, 1893.
A. M., Simpson College, 1895.
S. T. B., Garrett Biblical Institute, 1895.
Graduate Student Harvard University, 1900-01.
Ph. D., Boston University, 1902.
501 *West Ashland Avenue.*

GRACE HAYWARD, A. M.

Assistant Professor of English Literature.

A. B., University of Kansas, 1905.
A. M., Ibid, 1907.
A. M., Columbia University, 1911.

---

*On leave of absence 1914-15.

LEVI P. GOODWIN, A. M.
Professor of English and Public Speaking.

A. B., Albion College, 1910.
A. M., Ibid, 1913.

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Professor of English Literature.

A. B., Oberlin College.
A. M., Yale University.

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A. B., Ohio Wesleyan University.
A. M., University of Wisconsin.

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Professor of Education.

A. B., Northwestern University.
B. D., Garrett Biblical Institute.
Ph. D., University of Jena, Germany.
1895-1901, Professor of Ethics and History of Education in New York University.
1902-04, Principal State Normal School, Clarion, Pa.
1904-05, Honorary Fellow, Clark University, Mass.
1905-1914, Professor of Education and Psychology, Dakota Wesleyan University.

ADA BLANCHE ROE, PH. D.
Acting Professor of German Language and Literature.

A. B., Goucher College.
Ph. D., Bryn Mawr College.
Graduate Student University of Berlin, 1911-12.
Graduate Student University of Leipzig, 1913-14.

FLORENCE HIER, A. B.
Professor of French Language and Literature.

A. B., Mount Holyoke College.
Teachers' College, University of Cincinnati, 1911-12.
Alliance Francaise, Paris, Summer 1912.
Graduate Student University of Paris, 1912-13.

ARTHUR ASTON, A. M.
Director of Physical Education for Men.

A. B., Coe College.
B. D., McCormick, Theological Seminary.
A. M., Princeton University.

INSTRUCTORS

CARRIE VAN GILDER.
Instructor in Normal Methods.

GRACE BEAM, A. B.
Instructor in Mathematics and History.

EVERETT OLIVE, Mus. B.
Instructor in Piano and Harmony.
Simpson College Conservatory of Music, and Berlin, Germany.

PERSIS HEATON, Mus. B.
Instructor in Piano.

HERBERT A. HARVEY.
Instructor in Violin.
Graduate Adolph Hahn School of Violin Playing, Cincinnati, Ohio.

ELLIS M. RHODES.
Instructor in Voice Culture.
Student of Voice in Berlin, and under Breda, Milan, Italy.

W. A. LARIMER.
Instructor in Stenography and Typewriting.

JOHN ARMSTRONG.
Instructor in Mechanical Drawing.

DORIS LAMB.
Instructor in Drawing.

OTHER OFFICERS

MAIDE BAKER, A. B.
College Librarian.

JOSEPHINE McCLEARY, Ph. M.
Associate Librarian.

NELL E. HARRIS, Mus. B.
Secretary of the Conservatory.

FLORENCE SCHEE, A. B.
Secretary to the President.

Standing Committees of the Faculty

ABSENCES AND EXCUSES—Dr. Tilton, Prof. J. A. Baker, Mrs. Rhodes.

BADLEY-SCHEE CONTEST—Professor Goodenough.

BUXTON ORATORICAL—Miss Beam.

COLLEGE DEVOTIONAL MEETING—Dr. Strickland, Dr. Morley, Dr. Weir.

COLLEGE COUNCIL—Dr. Strickland, Professor Goodenough, Mrs. Rhodes.

COLLEGE DAY—Professors Jenner, Miller, Klinger, Morley, Hier, Mrs. Rhodes.

ENTRANCE—The Registrar, Professors Jenner, Klinger, Joanna Baker, Miss Beam.

DEBATE COUNCIL—Professors Goodwin, Goodenough, Miss Beam.

EVANGELISM—Dr. Strickland, Dr. Weir, Dr. Morley, President of the Y. M. C. A., President of the Y. W. C. A. and the Chairman of the Committee on Evangelism, Y. W. C. A.

LIBRARY—Professors Tilton, Hunting, Klinger, Roe, Miss Maide Baker, Miss McCleary.

MISSIONARY—Miss Baker and one student appointed from each class by the Faculty.

WEST ORATORICAL CONTEST—Chairman, Professor Goodwin.

ZENITH—Professors Hunting and Hayward.

Historical Sketch

SIMPSON COLLEGE is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the citizens of the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened it "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. The campus included one block, about one-fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fall of 1866, by which time the seminary had shown a vigorous growth and the need of a college became apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president and gave the new institution the name of "Simpson Centenary College," in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyally stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow, but it was substantial.

President Berry died in February, 1880. In the spring of the same year, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next president was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inaugurating a period of growth and expansion. Dr. Hamilton resigned to enter the pastorate in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1893, when he desired to return to the pastorate, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton in June, 1910, Francis L. Strickland was elected.

The growth of the college during recent years is attested by the fact that half of her 650 alumni have graduated during the past ten years. During the last five years, under the administration of Dr. Strickland as President and Dr. Dudley as Vice-President and Financial Agent, by far the greatest advance has been made of any similar period in the history of the institution. This gratifying progress has been both in material resources and academic efficiency. During this time the productive endowment has been raised from $76,000 to $265,000. A fine gymnasium costing $95,000 has been added to the equipment, through the splendid generosity of Mr. Harry Hopper. The faculty has been enlarged by the addition of four new chairs. The Library also has been augmented by the addition of over five thousand volumes, mostly new.

General Information

LOCATION.

SIMPSON COLLEGE is located at Indianola, Warren county, Iowa. The town has about 4,000 inhabitants. There are modern improvements, such as waterworks and electric power plant, and sewerage system. Indianola has had no saloons for many years; as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Island railroad make it easy of access from the Capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS.

The campus comprises about ten acres, a part of it wooded with venerable maples. There are seven buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms, and the halls of the literary societies. The Science hall accommodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college office, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well-equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory. The Hopper gymnasium is on North C street and faces the campus. The building of the Conservatory of Music stands at the northeast corner of the campus. The College maintains its own water system. These buildings are connected by cement walks and the campus is well lighted by electroliers.

THE LIBRARY.

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It provides a reading room, alcoves, stack rooms and a small auditorium, known as Oratory Hall. The library contains nine thousand volumes carefully selected with reference to college work. The books are classified according to the most approved library methods.

A large number of the best pediodicals are regularly received.

The library is open from 8:00 A. M. to 9:00 P. M.

THE MUSEUM.

There is a small museum containing the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representing all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region and ferns from India.

THE BIOLOGICAL LABORATORY.

The biological laboratory is provided with water, gas, and electric lights. There are forty compound microscopes, and the various other instruments, reagents, and staining fluids needed for individual work. There is a set of Harvard physiological apparatus, a Minot's microtome suitable for the finest work, water baths, incubators and sterilizers. In addition to the collections in the museum cases there are special collections of illustrative material for student study, microscope slides, both botanical and histological, lantern slides, charts and a departmental library.

THE EARTH SCIENCES.

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographical maps, including a set of seven duplicates of the maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer, barometer, barograph, thermograph, thermometers, a twenty-four-inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photographic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustrations before the classes,

whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is needed for his work. A side room between the laboratory and the lecture room contains the departmental library and three fine chemical balances. The lecture room of the department is equipped with a Spencer Delineascope of the latest model.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage battery, the other a smaller outfit (375 watt) with a set of accessories for work with both direct and alternating currents The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, Heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurements in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: A fine balance, a Seth Thomas clock with electrical connections, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reinmann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Western wattmeter, millivoltmeter, milliameter, voltmeters and ammeters; Leed and Northup earth inductor and ballistic galvanometer; tangent and astatic galvanometers, testing set, induction coils, millihenry standard, X-ray outfit, camera, projection lanterns, spectrometer, microscope with accessories for the polarization of light.

THE GYMNASIUM.

The new Gymnasium, the gift of Mr. and Mrs. Harry E. Hopper, is one of the most modern and complete buildings of its kind in the middle West. It was built at a cost, including equipment, of $95,000. The length is 120 feet and the width 106 feet, and three stories high.

On the first, or basement floor, are located the Men's locker rooms with capacity for 400 steel lockers. There are twelve shower baths conveniently arranged. The bath rooms and toilet rooms are finished in white marble and tile.

In the East part of the building are the Women's locker rooms with capacity for 300. There are nine baths, around each of which are grouped lockers and dressing rooms. An admirable arrangement of these affords both convenience and complete privacy. The equipments of the men and of the women are separated by a solid brick wall and there is no access from one part of the basement to the other except from the outside. Besides this there is a separate equipment of lockers, baths, etc., for the visiting teams. Conveniently arranged are sweat room, store rooms for suits and a steam drying apparatus. A notable feature on this floor is the indoor practice room, with a length of 117 feet, a width of 19 feet, a ceiling of 25 feet. The floor is of dirt. This room is for various practice work, such as broad and high jumping, pole vaulting, and pitching.

On the Main floor is the Exercise Room, 117x70 feet. There is ample room on the floor for a large basketball court 50x90 or two practice courts placed transversely 40x56. On this floor are offices for the Physical Directors. On the Gallery floor is the Running Track, 18 laps to the mile. This track is built on the most approved modern curves and finished with a heavy cork floor. Part of the Gallery may be used as a balcony to accommodate spectators. On this floor are the trophy room, the janitor's office and a large club room.

The equipment of lockers, etc., were furnished by the Narragansett Machine Company, and are the best made.

This fine gymnasium adds greatly to the attractiveness of the Physical Culture and to the strength of Simpson's Athletics. It is a splendid monument to the loyalty and liberality of one of Simpson's most honored sons.

ATHLETICS.

Simpson College gives every encouragement to clean athletics. We insist that our men shall be gentlemen in the contests, and show the high-grade sportsmanlike spirit in all athletic activities. Athletics is not a business at Simpson. It is a sport—enjoyed for its own sake and the physical benefits derived from it.

Every registered student is a member of the Athletic Association. The athletic field has a fifth-mile track, baseball field and tennis courts.

Two hours a week will be required of all students in physical culture, for which one semester hour's college credit for the year will be given.

THE AIM OF THE COLLEGE.

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly and professedly Christian. The college was founded by men who loved the Christian faith and its work is being carried on by those who believe that education means not only mental training, but the culture of Christian character.

While not a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE.

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained.

The work in English Bible is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student a firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President or some visiting speaker on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7:00 to 8:00 the College Prayer Service is held. These meetings are led by the President or some one appointed by him, and are well attended.

During the year a week of special services is held, and the Day of Prayer for colleges is observed. These meetings have been the means of deepening the religious life of many.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible and Mission Study classes.

The students of the college are made very welcome in the church life at Indianola. Every student is expected to be regular in attendance upon the services of the Church of his or her choice.

GOVERNMENT OF THE COLLEGE.

The college administration seeks to develop in the student the principles of self-government. We ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college or who shirks and loafs may not stay with us.

There is a College Council which takes care of all minor matters of discipline. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Con-

servatory. The President and a member of the faculty are members. Meetings are held at stated intervals, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched, but fully trusted at examinations. At the close, each signs a statement pledging the word of honor that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the Honor System are reported to the College Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS.

There are seven Literary Societies, five in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are of college rank, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are of college rank, and meets every Friday evening.

The Alpian Society, organized in 1891, is composed of women who are of college rank, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are of college rank, and meets every Friday evening.

The Crescent Literary Society, organized in 1911, is composed of women who are of college rank, and meets every Friday afternoon.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies. Their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS.

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the student body.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of December, February, April and May. The third number each year is the annual catalogue.

The Zenith is the College Annual. It is published by the Junior class and appears each year on the first of May.

PUBLIC LECTURES.

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W. C. A. lecture course brings the best talent of the country before the students each year.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject of literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schee Prize. These are marked on a scale of one hundred for thought, one hundred for composition, and fifty for delivery.

The Oratorical Prices (first prize $15, second prize $10) in gold, are awarded to members of the college who shall write and deliver the best English orations. The maximum limit of these orations is two thousand words. Each undergraduate literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock P. M. on the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

The Marsh Prize, consisting of a gold medal, is awarded to the winner in the Home Oratorical Contest each year. This prize is given by Mr. John Horsley, of the class of 1909.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society winning the series of inter-society debates arranged between the five collegiate literary societies.

COLLEGE HONORS.

At the close of each semester each instructor of college classes may report to the Registrar the names of honor students as follows: One student from each class having from one to thirty students enrolled, two from each class having from thirty-one to fifty students, three from each class having from fifty-one to seventy, and so on. The term class shall be construed to include all sections of any course. College students making up academy work shall not be reported for honors in that work.

The report from the commercial department and the Conservatory of Music shall be made at the end of the scholastic year and shall be based upon the number of college students who complete the courses for which credit toward the A. B. degree is given.

At the close of the year, the Registrar shall make a list of the ten students who rank highest in honor hours. In case of a tie for tenth place, the faculty shall decide the tie. No student shall be considered for honors unless he is reported as an honor student from more than one class. The list arranged alphabetically shall be announced at the Commencement exercises and published in the college catalogue.

Those members of the graduating class whose names appear upon the honor list their senior year and have appeared upon honor lists at least two other years, shall be awarded suitable honor emblems at the time of graduation.

DEPARTMENTAL HONORS.

Any person wishing to receive departmental honors must secure the consent of head of the department in which he has taken his major to prepare a thesis. The subject of this thesis must be selected and the consent of faculty secured by December 1st preceding the date of proposed graduation.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete in a satisfactory manner the required number of semester hours of college work.

The Degree of Bachelor of Music is conferred on those who comply with all requirements for unconditional entrance to the College of Liberal Arts and who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the departments should be made to the President at least three months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

WOMEN'S DORMITORY.

Mary Berry Hall, the women's dormitory, is a substantial brick building with well-ventilated rooms, lighted by electricity, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, etc. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent is due when possession is taken and is $18 per semester. This includes heat and light.

Excellent board is furnished at Mary Berry Hall. The price for 1915-16 will be $3.50 per week.

Citizens of Indianola who rent rooms to students are required to send each month a written report in prescribed form to the President answering questions in regard to the observance of College regulations on the part of the students in their homes. The renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS.

If you arrive in September on the day before the opening of the semester or the first day of the semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will be at your service. In the absence of such representatives come at once to the college offices, and there you can receive directions and such help as you need.

The evening trains arrive just at supper time. Come immediately to the College boarding hall, where temporary arrangements can be made for your comfort.

All the College buildings are upon the campus, located one block directly west of the Rock Island station, and two blocks west of the C., B. & Q. station.

REGISTRATION.

New students should register at the earliest opportunity. Before registration each student must see the Committee on Entrance. Grade sheets from high school, and other credentials should be presented. The Committee will advise as to classification and what studies should be included in registration for the first semester.

Sophomores who have not yet selected their major must be advised by the President before they register. Those who have selected their group (Sophomores and Juniors) must have been advised by the professor of their major study before they will be permitted to register. Tuition and fees are payable at time of registration.

EXPENSES.

Tuition in College, per semester	$30.00
Academy, per semester	20.00
Normal Courses of Academy Grade	20.00
School of Business, per semester	35.00
Shorthand and Typewriting, per semester	30.00
Gymnasium fee, per semester	1.00
Semester fee, per semester	5.00

This last fee includes the registration fee, athletic fee, and the lecture and debate fees, and entitles the student to free admission to all regular athletic games, lectures, debates, etc., throughout the year.

The semester fee is required of every student who registers in any department of the College. The only exceptions are (1) pupils from the schools of Indianola who may wish to take special courses in any department of the College; (2) persons resident in Indianola who may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc. (3) Students registering six weeks or less before the close of a semester. The fee for such remaining portion of the semester shall be one-half of the usual fee.

The tuition in the Conservatory varies with the character of the work taken and the instructors. Rates will be found on another page.

Laboratory fees are as follows:

COLLEGE.

Physics II, III and IV, per semester	$3.00
Chemistry I, per semester	4.00
Chemistry II, per semester	4.50
Chemistry III, per semester	6.00
Chemistry IV, per semester	6.00
Chemistry V, per semester hour	1.50
Mineralogy, per semester	2.00
Zoology, per semester	4.00
Botany, per semester	3.00
Mammalian Anatomy	3.00
Embryology and Histology	4.00
Bacteriology	4.00
Advanced Physiology, per semester	1.00
Surveying	1.00
Freehand or Normal Drawing, per semester	1.50
Typewriter rent, per semester	9.00

There is no fee for Mechanical Drawing to students majoring in Mathematics, Physics, or Pre-Engineering Group. Others pay a fee of $1.50 per semester.

ACADEMY.

Elementary Physics, per semester	$1.50
Elementary Botany, per semester	1.50

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision has been made for their payment in the immediate future. Students whose bills remain unpaid at the expiration of the time for which special arrangement was granted them, will be suspended from classes and all absences so resulting shall be unexcused. Bills may be paid by semester or term, the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or has two or more unexcused absences from recitations or lectures, $0.50.

2. When a student asks for an examination in a subject during a semester subsequent to that in which the subject was taken in class, $1.00.

Refund of Tuition is granted only when a student is compelled to leave college on account of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are twenty-seven endowed scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college on the twentieth day of August preceding the opening of the College in the fall the President may fill the scholarship. The scholarships are as follows:

Only those scholarships the principal of which is fully paid in have been recorded here.

The Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The Hoffman Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Hollenbeck Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

The Lydia Marie Hollenbeck Scholarship, founded by the above parties.

The McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The Robbins Scholarship, founded by J. D. Robbins, of Malvern, Iowa.

The Bagley Scholarship, founded by the Simpson Club of the Bagley M. E. Church.

The Shaw Scholarship, founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by B. F. Clayton, Indianola, Iowa.

The Buffington Scholarship, founded by F. M. and Sarah Buffington, Glenwood, Iowa.

The Barker-Berry Scholarship, founded by W. H. Berry and wife, Indianola, Iowa.

The Snyder Scholarship, founded by Mr. and Mrs. Wm. Snyder, of Farragut, Iowa.

The Dinsmore-Austin Memorial Scholarship, founded by Mrs. D. Austin, of Jefferson, Iowa.

The Sayre Scholarship, founded by W. E. Sayre, Indianola, Iowa.

The Fletcher Brown Scholarship, founded by Rev. Fletcher Brown and family, Indianola, Iowa.

The Helen Dudley Memorial Scholarship, founded by Mr. and Mrs. W. M. Dudley, Indianola, Iowa.

The Frances Sheppard Scholarships (six scholarships), founded by Mrs. Mary Frances Sheppard, Indianola, Iowa.

The Burns Scholarship, founded by M. C. G. Burns, Milo, Iowa.

The Perkins Scholarship, founded by S. H. Perkins, of Cambria, Iowa.

The Cain Scholarship, founded by Edward Cain, of Des Moines.

The Weatherby Scholarship, founded by David Weatherby.

The Arnold Scholarship, founded by the late W. H. Arnold, of Des Moines.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school in the state of Iowa, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal on one of the regular blanks sent out by the Secretary of the Iowa Association of Independent Colleges.

The honor graduate may use the scholarship a year subsequent to his or her graduation from high school, but not later than a year.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year. The nomination must be made by the School Superintendent or High School Principal on the regular blanks which will be furnished by the College.

(c) Each charge in the Des Moines Conference is entitled to send a new student, who shall be entitled to half tuition in the Academy, College or Normal Courses for one year. The student must present one of the regular scholarship blanks, which may be obtained from the College office. This should be properly filled out and signed by the pastor of the Church of which the student is a member. This scholarship privilege can be granted only to those churches in the conference which have raised their apportionment for the Educational Collection for the current conference year.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Iidianola it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate, for so many things must be taken into consideration. The personal make-up of the student will govern here. But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the institution. The extravagant standards of some colleges are not in vogue or favor with us. A large number of students are working their way through college and earning a portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Yet it ought to be said that a student should have resources enough before attempting a college course, to provide at least for half of the first year. For it may require a little time to find suitable work.

Board at the College Hall is $3.50 per week. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room; $1.50 and $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks:

Tuition for year	$ 40.00 to	$ 60.00
Semester fees and Gymnasium		12.00
Room rent (average)	40.00 to	45.00
Board		126.00
Books and incidentals		20.00
Total	$231.00 to	$263.00

SELF HELP.

The above figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in the homes or business houses of the town. There are many ways in which it is possible for students to earn a considerable portion of their college expenses. The College maintains an employment agency. Two upper class students are in charge of this agency, one for the girls and one for the men. These persons are employed by the College to make connections between students who need work and work which needs to be done in the city. If interested, send for the circular of the College Employment Bureau.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund. From these funds loans are granted students under certain conditions, which may be learned on inquiry at the President's office.

The Southard Fund places a certain sum in the hands of the President to assist young men in studying for the ministry. Loan grants from these funds are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal and moral obligation.

College of Liberal Arts

Requirements for Admission to the College of Liberal Arts

SATISFACTORY evidence of good moral character will be required of all who seek admission. Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways: (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificate of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age.

Good work during the first year of College is insisted upon as a requirement for maintaining class standing. Those who fail to do satisfactory work to the extent of at least 23 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS.

For unconditional admission to the Freshman class 15 preparatory units are required.

A unit of credit means a subject pursued for four or five periods a week during a school year of at least thirty-six weeks—each period being not less than 45 minutes.

Of these 15 units, 9½ are required of all in the following subjects:

Mathematics	2½	English	3
A Language other than English	2	History	1
		Science (Physics preferred)	1

The remaining 5½ units may be offered from the following list:

Credits in Units.

English	3	Zoology	½ to 1
Greek	1 or 2	Physiology	½ to 1
Latin	1 to 4	†Bookkeeping	½
German	1 or 2	†Commercial Geography	½
French	1 or 2	†Commercial Law	½
History	3	†Industrial History	½
Civics	½	†Stenography	½
Economics	½		
Mathematics	2½ to 4	Freehand or Mechanical Drawing	½ to 1
Botany	½ to 1	*Manual Training	½ to 1
Chemistry	1	*Domestic Science	½ to 1
Physics	1	*Agriculture	½ to 1
Physical Geography	½ to 1	*Normal Training Courses	½ to 1½

**Credit in these subjects will be accepted only from those High Schools whose Normal Training Courses are accredited by the State Department of Education.*

Credits offered in the above list from schools whose special courses have not been so accredited must be approved by the head of the respective departments before they can be accepted for entrance.

†Total credit allowed from vocational and commercial subjects may not be more than three units.

Those who offer only 14 units may be admitted as Freshman, but conditioned upon the deficiency, one academic unit being made good by the beginning of the Sophomore year or the student will fail to be advanced with his or her class. Any student who reaches the Sophomore year delinquent in any academy study is to make up this work at once by special examinations, or enter classes in such subject or subjects. Those who present less than 14 units for admission will be classified in the Academy until they have met the standard.

ACCEPTANCE OF GRADES.

The requirements for admission are essentially those outlined by the North Central Association of Colleges and Secondary Schools. Records (grades) from schools on the accredited list of that association, and from standard colleges, are accepted without further inquiry; records (grades) from other institutions must be presented to the head of the department concerned for his approval before such records can be filed in the college office as accepted. Where note books are specified they must be presented together with the certificate of standing. This applies especially to laboratory and field note books in science. In case of doubt as to the extent and character of the work accomplished, each student is entitled to an examination that may prove his proficiency in the subject, and where a professor requires such examination it shall be held on the first or second Saturday of the semester.

EXPLANATION OF THE UNITS.

ENGLISH.

Three Units.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writing, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English.

College Entrance Requirements in English for 1915-1919. Required for reading and study.

A. READING.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections[1] are to be made, except as otherwise provided under Group I.

I. CLASSICS IN TRANSLATION. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI. The Æneid. (The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from the above group a selection from any other group may be substituted.

II. SHAKESPEARE. Midsummer Night's Dream. Merchant of Venice. As You Like It. Twelfth Night. The Tempest. Romeo and Juliet. King John. Richard II. Richard III. Henry V. Coriolanus. Julius Caesar.[2] Macbeth.[2] Hamlet.[2]

III. PROSE FICTION. Malory: Morte d'Arthur (about 100 pages). Bunyan: Pilgrim's Progress, Part I. Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag). Defoe: Robinson Crusoe, Part I. Goldsmith: Vicar of Wakefield. Francis Burney: Evelina. Scott's novels: any *one*. Jane Austen's novels: any *one*. Maria Edgeworth: Castle Rackrent or The Absentee. Dicken's novels: any *one*. Thackeray's novels: any *one*. George Eliot's novels: any *one*. Mrs. Gaskell: Cranford. Kingsley: Westward Ho! or Hereward, the Wake. Reade: The Cloister and the Hearth. Blackmore: Lorna Doone. Hughes: Tom Brown's School Days. Stevenson: Treasure Island, Kidnapped, or Master of Ballantrae. Cooper's novels: any *one*. Poe: Selected Tales. Hawthorne: The House of the Seven Gables, Twice Told Tales, or Mosses from an Old Manse. A collection of Short Stories by various standard writers.

IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: The Sir Roger de Coverley Papers or Selections from the *Tatler* and *Spectator* (about 200 pages). Boswell: Selections from the Life of Johnson (about 200 pages). Franklin: Autobiography. Irving: Selections from the Sketch Book (about 200 pages) or Life of Goldsmith. Southey: Life of Nelson. Lamb: Selections from the Essays of Elia (about 100 pages). Lockhart: Selections from the Life of Scott (about 200 pages). Thackeray: Lectures on Swift, Addison, and Steele in the

[1] Each selection is set off by periods. [2] If not chosen for study under *B.*

English Humourists. Macaulay: any *one* of the following essays: Lord Clive; Warren Hastings; Milton; Addison; Goldsmith; Frederick the Great; Madame d'Arblay. Trevelyan: Selections from the Life of Macaulay (about 200 pages). Ruskin: Sesame and Lilies or Selections (about 150 pages). Dana: Two Years Before the Mast. Lincoln: Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln. Parkman: The Oregon Trail. Thoreau: Walden. Lowell: Selected Essays (about 150 pages). Holmes: The Autocrat of the Breakfast Table. Stevenson: An Inland Voyage and Travels with a Donkey. Huxley: Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk. A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

V. POETRY. Palgrave: Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns. Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under *B*). Goldsmith: The Traveler and The Deserted Village. Pope: The Rape of the Lock. A collection of English and Scottish ballads: as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads. Coleridge: The Ancient Mariner, Christabel, and Kubla Khan. Byron: Childe Harold, Canto III or IV and The Prisoner of Chillon. Scott: The Lady of the Lake or Marmion. Macauley: The Lays of Ancient Rome, The Battle of Naseby, The Armada, and Ivry. Tennyson: The Princess or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur. Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," and Instans Tyrannus. Arnold: Sohrab and Rustum and The Forsaken Merman. Selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.

One selection to be made from each group.

I. DRAMA. Julius Caesar. Macbeth. Hamlet.

II. POETRY. Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas. Tennyson: The Coming of Arthur, The Holy Grail, and The Passing of Arthur. The selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

III. ORATORY. Burke: Speech on Conciliation with America. Macaulay's Speech on Copyright and Lincoln's Speech at Cooper Union. Washington's Farewell Address and Webster's First Bunker Hill Oration.

IV. ESSAYS. Carlyle: Essay on Burns, with a selection from Burns's Poems. Macaulay: Life of Johnson. Emerson: Essay on Manners.

MATHEMATICS.

Two and One-half Units.

Two and one-half units are required of all who seek unconditional admission to the Freshman class.

1	Algebra—through Arithmetical and Geometrical Progression	1½ Units
2	Plane Geometry	1 Unit
3	Solid Geometry	½ Unit
4	Plane Trigonometry	½ Unit
5	Spherical Trigonometry	½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progression.

LANGUAGE REQUIREMENTS.

Two units in one foreign language required. Additional language credits will be accepted.

LATIN.

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text........................1 Unit

II. Caesar's Gallic Wars, first four books, or an equivalent in selections from Latin authors. Latin prose composition based on the text read to the extent of at least one hour a week for a year.......1 Unit

III. Six Orations of Cicero; prose composition..........1 Unit

IV. Virgil, first six books of the Æneid...............1 Unit

GREEK.

I. First book of Greek lessons; and ten to fifteen pages of classical text.

II. Xenophon's Anabasis; three books Greek composition, oral and written, the equivalent of one exercise per week for one year.

GERMAN.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson . 1 Unit

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronunciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; some ability to speak and understand the language . . . . 1 Unit

FRENCH.

I. Careful drill in pronunciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read . . . . 1 Unit

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biographical sketches with constant practice in pronunciation, writing French from dictation, and drill upon rudiments of grammar . . . . 1 Unit

HISTORY.

One Unit Required.

Any one of the following courses in History may be presented for an entrance unit:

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.

2. Mediæval and modern European history, from the death of Charlemagne to the present time.

3. English history.

4. American history, or American history and civil government.

SCIENCE.

One Unit Required.

The entire unit must be in one science; botany, chemistry, physics, physical geography, zoology. To be accepted a complete text on the subject must have been studied in full, accompanied by laboratory or field work so arranged as to illustrate all parts of the text, on which laboratory or field work a careful note book record was prepared as the work progressed.

The Course of Study

THE curriculum of a modern college should be arranged so that three classes of students are well considered: 1. Those looking towards the professions. 2. Those expecting to teach. 3. Those whose college course is to afford them general preparation for life in broad culture and training. There is no better foundation for the special training needed for law, medicine, the ministry, and the various branches of engineering than a good college course. A young man is unfortunate who tries to prepare for these professions without college training. The mastering of the work in a good medical college or law school is far too serious a matter for any student except those who have tried and tempered their minds and have won in part at least their mental independence. For the prospective engineer or chemist the college can do much. All the foundation work, such as mathematics, physics, modern languages, mechanical drawing, the student may take here at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years.

While the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary today in effective college education.

This is arranged for in the Group System. Thus, for example, the group containing Physics as a major study makes an admirable preparation for mechanical engineering, while the Geology-Chemistry group fits the needs of one who may look to mining engineering. The Political Science-History group leads naturally to Law, while the Biology group leads to medicine or agriculture and Philosophy-Sociology or Philosophy-Science group gives an excellent approach to the study of modern theology. In the college and normal course, excellent training is offered for those who look to the profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, German, French, Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology, Physiography, Geology, Mineralogy, English Language, English Literature, History, Economics, Sociology, Drawing, Education, Public Speaking, Commercial Science, Shorthand, Musical History and Theory, English Bible, Philosophy, Psychology, Ethics, and Physical Training. These courses are in advance of the work done in the same subjects in the ordinary high school, and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction. *One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 124 semester hours are required for graduation, of which 120 are for academic class work and three for physical culture, one unit for each of the first three years of the college course. The remaining unit is for physical culture of the senior year, which is elective. In lieu of this election the credit may be secured in any of the following ways, under the direction of a professor in the college: For instruction in a glee club; for instruction for a state contest; for instruction for the public presentation of literary work undertaken by a department. While the college recognizes the high value of various college activities, it desires that such undertakings shall be for their own intrinsic worth and not for credit in semester hours.*

The following work is required of all who are candidates for the degree:

COURSES REQUIRED OF ALL STUDENTS.

English (English I and II and Literature I and II)	10 semester hours
English Bible	4 semester hours
History	6 semester hours
Foreign Language	8 semester hours
Psychology	6 semester hours
Science (to be taken in two departments, Biology, Chemistry, Earth Sciences, or Physics)	12 semester hours
Mathematics	6 semester hours
Physical Culture	3 semester hours
Public Speaking	2 semester hours
Total	57 semester hours

The physical culture is required. Two periods a week in gymnasium works for the year counts as one semester hour.

THE GROUP SYSTEM.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised personally as to studies which had better be included in the first year's work.

During the Sophomore year, the students in the College will be asked to indicate the direction of their subsequent studies. This will be done by choosing one of the groups of studies.

The professor whose subject stands at the head of the group chosen now becomes the student's adviser for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major study and those electives which in the judgment of the adviser will make a well-rounded and useful course. It will be noted that the fundamental principle in our Course of study is to fit the Course to the Student, not the Student to the Course. Throughout the course each student is guided and advised individually and personally, by some member of the Faculty.

The number of semester hours devoted to the major study varies, but may not be less than 16 in the two years. Specific information in regard to the major requirements appears in the paragraphs which set forth in detail the work of the various departments.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

MAJOR GROUPS.

(The figures after each study indicate the number of semester hours required.)

I.
English.

English Language	8
English Literature	20
Language	14
History	6
Philosophy of Thought and Language (Logic)	2
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	41
	124

II.
History.

History	26
English	10
English Bible	4
Modern Language	8
Economics	6
Philosophy of Thought and Language (Logic)	2
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	39
	124

III.

Mathematics.

Mathematics	26
Physics	8
Astronomy	4
English	10
English Bible	4
History	6
Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	47
	124

IV.

Philosophy.

Philosophy	18
Biology I	8
Economics or Sociology	6
Geology I	4
English	10
English Bible	4
History	6
Foreign Language	8
Psychology	6
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	43
	124

V.

Latin.

*Latin	22
Greek and Roman History	4
English	10
English Bible	4
History	6
Greek or other Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	41
	124

*In addition to the two years of Academy Latin prerequisite to enter this group.

VI.

Greek.

*Greek	26
Latin or Modern Language	8
Greek and Roman History	4
History	6
English	10
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	37
	124

*Eight hours of Elementary Greek prerequisite to enter this group.

VII.

German.

German in addition to German I	22
English	16
Foreign Language (other than major)	8
Sociology	6
English Bible	4
History	6
Physical Culture	3
Psychology	3
Public Speaking	2
Science	12
Mathematics	6
Elective	33
	124

VIII.

French.

French	26
Latin, Greek or German	10
History	12
English	16
English Bible	4
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	27
	124

IX.

Chemistry.

Chemistry	22
Biology or Physics	8
**Mineralogy (Determinative and Economic)	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	37
	124

**For all except pre-medical students.

X.

**Biology.*

Biology	18
Seminar Course (Thesis required)	8
Chemistry	8
Meteorology or Geology	3-4
Palæontology	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	39
	124

*Those who are to study Medicine should elect Chem. II-IV and Physics II-III. They may omit the first semester of Palæontology.

XI.

Earth Sciences.

Earth Sciences	22
Chemistry	8
Biology	8
Physics	9
Astronomy	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	20
	124

*Enough to complete three years; two of German and one of French.

XII.

Physics.

Physics	20
Mathematics	6
Chemistry	8
Mechanical Drawing	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	39
	124

*Enough to complete three years; two of German and one of French.

XIII.

Pre-Engineering.

Mathematics	22
Physics	16
Mechanical Drawing	4
Physics IV or Mathematics	4
Chemistry	14
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	21
	124

*Enough to complete three years; two of German and one of French.

Those who are to become Civil Engineers advise with Prof. Emmons. Those who are to become Mechanical or Electrical Engineers advise with Dr. Tilton.

XIV.

Music.

Musical Theory (Harmony, etc.)	16
History of Music	6
Musical Literature (Instrument or Voice)	4
Education I	6
Modern Language	16
English	16
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	21
	124

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 57 semester hours; 2d, the major, 18 to 26 hours; 3d, the electives, which are selected and arranged under the guidance of the student's adviser, enough to make a total of 124.

Academy students are allowed to take as many as twenty hours of academy work on advice of the Principal of the Academy.

No Freshman is allowed to take more than sixteen hours besides Physical Culture. No other student is allowed to take more than sixteen hours besides Physical Culture, except by permission of the Faculty. Blank applications for extra hours may be obtained from the college office, but the approval of the adviser is necessary before the Faculty will consider the request.

In general, students will not be allowed to take extra hours, who, during the previous semester, have received a grade below M in any course, and who have more hours graded M than S or E.

STATE TEACHERS' CERTIFICATES.

Graduates of Simpson College who complete six semester hours of Psychology and fourteen hours in Science of Education, as a part of their College course, will receive from the State Board of Educational Examiners the Five Year Teachers' Certificate for the State of Iowa.

This certificate will be given, without examination, because Simpson is an accredited college. Students who expect to teach should not fail to elect sufficient work in the Department of Education to entitle them to this privilege. Those completing the Two Year Normal Course will receive the Two Year State Certificate. See the plan and outline of the course of study on page 89.

RECOMMENDATION OF TEACHERS.

A Faculty Committee on Recommendations has been organized to aid adequately prepared students and graduates of the College to secure positions as teachers. This Committee will gladly be of service to school boards and Superintendents who desire to receive such recommendations.

Those who expect to teach in High Schools should be prepared in one or two subjects besides the major, to meet the conditions in the smaller High Schools. The following combinations are frequently demanded: English and History; English and German; German and Science; Latin and German; Latin and English; Mathematics and Science; Science and Physical Training.

Departments of Instruction

BIOLOGY.

Professor Jenner.

I. ZOOLOGY. This course is designed to give the student a general survey of the whole subject of Zoology. Beginning with the lowest animals, the structures of typical forms from each phylum are studied in the laboratory with special reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. The lectures and quizzes are given at the conclusion of the laboratory work on each group. The library furnishes opportunity for the student to acquaint himself with other types than those studied in the laboratory. The first semester is devoted to the study of the invertebrates beginning with the Protozoa. During the second semester a study is made of the vertebrates beginning with an ascidian.

A student who enters during the first semester is expected to continue throughout the year if his work is satisfactory.

Open to all students.

Required of all students majoring in Biology or Earth Sciences, and may be taken to satisfy the science requirement in other groups.

Throughout the year, four hours.

II. BOTANY. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desirable, but not required as a prerequisite.

Open to all college students.

First semester, three hours.

III. BOTANY. A brief survey beginning with the lowest plants and proceeding to the higher, in which typical forms of each division of the plant kingdom are studied. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Open to all college students.

Second semester, three hours.

IV. BACTERIOLOGY. The work of this course consists of laboratory work supplemented by lectures and assigned readings. This course is not to be offered during the year 1915-16. It will be especially designed to fit for the medical courses or courses in domestic science. Students should plan their work so that this course may be taken in 1916-17. New apparatus will be installed at that time.

Open to all students above Freshmen.

First semester, three hours, eight to ten.

V. HISTOLOGY. In this course the student is taught the methods by which animal tissues are prepared for microscopic examination. During the course the structures of the various systems of organs of the cat are studied. A note book is kept in which is recorded a complete account of the work done in the course.

Open to all students who have had Course I.

First semester, three hours, eight to ten.

VI. EMBRYOLOGY. A study is made of the origin and development of the different organs from the blastodermic layers of the embryo, and their structure in the adult. Prepared series of the chick and pig embryos are available for study. Students are required to embody the results of their laboratory and library work in papers which are handed in from time to time for criticism.

Open to all students who have had Course I or Course V.

Second semester, three hours.

VII. MAMMALIAN ANATOMY. This course consists of individual work on the skeleton, muscles and various organs of the dog or cat. Drawings are made as the work progresses, and the student is required to record his observations in a note book which is submitted for approval at the end of the semester.

There are no prerequisites for registration in this course except that the student is expected to have an interest in the subject.

First semester, two hours.

Time to be arranged.

VIII. PHYSIOLOGY AND HYGIENE. This course will be made very elementary and adapted to those who have had no previous training in Biology. The object is to give the student a general knowledge of the functions of the body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, laboratory experiments, and demonstrations from dissections of some of the lower animals. The course will be of special value to those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work.

Open to all College students and to Academy students who have had Elementary Physiology.

Throughout the year. When laboratory work requires, students are expected to remain until the work is finished. Three hours.

When elected as a college subject it is required that the student will remain in the class for the whole year.

IX. GENETICS. The subject matter of this course will be organic evolution, heredity, influence of environment, ecology, etc.

Open to all students who have received a grade above I Course I.

Throughout the year, two hours.

X. SPECIAL BIOLOGY. Special problems of biology are taken up by the individual student and the results of the study are incorporated in a thesis.

Required of those who select the biology group. Other students may enter on invitation.

Credit not to exceed four hours.

BIBLICAL LITERATURE.

Professor Morley.

The following courses aim to set forth the social, political, literary and religious materials of the Bible with which every educated person should have an acquaintance. They also serve as valuable introductory courses to those preparing to become religious teachers and leaders.

I. OLD TESTAMENT: THE PRE-EXILIC PERIOD. This course traces the progress of revelation and faith among the early Hebrews from the traditional period, through the nomadic and transitional stages to the founding and dissolution of the monarchy. Particular attention is given to the rise and functions of the order of prophets, the growth of ethical monotheism and the centralization and changing forms of worship. Text book and lectures.

First semester, two hours.

II. OLD TESTAMENT: THE POST-EXILIC PERIOD. The later history of the Jews will be traced in the divided kingdom, the exile, in the Persian and Greek domination and the Maccabean struggle for liberty. Some time will be given to the prophetic and wisdom literature and the growth of the Messianic expectancy. Text book and lectures.

Second semester, two hours.

III. THE LIFE AND TIMES OF CHRIST. The course will examine the sources and history of the Gospel records, the history of Palestine in the time of Christ, the synoptic problem and the fourth Gospel, the life, ministry and teachings of Christ, together with contemporary Jewish traditions. Text book and lectures.

First semester, two hours.

IV. THE APOSTOLIC AGE. This course will be a study of the founding of the Christian Church, the spread of Christianity, the religious ideas, customs and literature of the apostolic age. While this course is a unit, yet it is taken with best advantage in sequence with Course III. Text book and lectures.

Second semester, two hours.

CHEMISTRY.

Professor J. Allen Baker.

Max Dunn and Ernest Noble, Laboratory Ass'ts.

It is the aim of this department to meet the needs of two classes of students: Those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance to everyday life. Its value as a purely educational factor should be kept in view. For training in habits of exactness, for gaining helpful insight into the methods of evidence, Chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the course logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Students majoring in Chemistry must take Chem. I and II. In addition to this they must take either Chem. III or Chem. IV. Thesis work may be arranged with a maximum credit of 4 hours, but it is not required.

CHEMISTRY I A. GENERAL CHEMISTRY. The recitation periods are devoted to discussion of chemical theories and quizzes on the experimental work. Wherever possible the practical application of chemistry is brought before the mind of the student. Many chemical problems are worked during the year. The laboratory work throughout the year parallels the text book work.

Open to all the young men of the college.

Throughout the year, four hours.

CHEMISTRY I B. GENERAL CHEMISTRY. The course in elementary Chemistry has been divided into two parts because it is felt that it is better in every way to give young women a line of work not identical with that given to the young men. However, it is with no intention of weakening the course or of presenting to the young women merely the "pyrotechnics" of chemistry that the differentiation is made. The fundamental principles so necessary to any strong course in chemistry are presented and emphasized. This, the backbone of the science, however, is to be clothed and made a living thing by the inclusion of material snatched fresh from the world of common experience. It is not the intention to make this a course in domestic science, though throughout the course and especially during the second semester emphasis is laid upon phases of the science relating to the household and daily life. Laboratory work will parallel the text book work throughout the year.

Open to any of the young women of the college.

Throughout the year, four hours.

CHEMISTRY II. QUALITATIVE ANALYSIS. This is primarily a laboratory course, although lectures and quizzes will be given as may seem necessary. Much attention will be given to equation writing and the rules which govern it. The work on the metals, taken in the latter part of Chemistry I, will be supplemented by special preliminary reactions which are used especially to identify the various elements. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same manner. In both basic and acidic analyses as many unknowns as practicable will be worked out. Unknowns involving both basic and acidic radicals are also worked. Finally, alloys, ores, and more complex substances will be analyzed as time permits. Chemistry I, prerequisite.

Throughout the year, three hours.

CHEMISTRY III. QUANTITATIVE ANALYSIS. This course is largely a laboratory course. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. One hour per week throughout the year will be devoted to Chemical Arithmetic. A thorough drill will be given in the fundamental chemical calculations. This course will alternate with Chemistry IV. Offered in 1916-17. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY IV. ORGANIC CHEMISTRY. The course includes a study of the theory of organic compounds, together with the making of various organic preparations. The course will alternate with Chemistry III. Offered 1915-16. Chemistry I and II prerequisite.

Throughout the year, four hours.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged, as there is a demand for it.

DRAWING.

Miss Lamb.

I. *First Year—*

1. Representation. Charcoal drawing in light and shade from simple objects and from casts. Followed by simple work in water color.

2. Decoration. The designing of decorations in color for simple objects.

3. Construction. The preparing of working drawings and patterns.

Throughout the work constant attention is paid to the best methods of teaching drawing, especially in the public schools.

At least two periods throughout the year.

II. *Second year—*

The same general course is followed, but more advanced work is given in cast drawing and water color.

Drawing from life. Outdoor sketching.

At least two periods throughout the year.

Not given 1915-16.

MECHANICAL DRAWING.

Mr. Armstrong.

Construction of geometrical figures; isometric and orthographic projections; elementary working drawings; tracing and blue-printing; care of instruments and freehand lettering.

Twice a week throughout the year.

THE EARTH SCIENCES.

Professor Tilton.

Students intending to major in this department are advised to take Chemistry I in the Freshman year, and Zoology I in the Sophomore year.

I. METEOROLOGY. The course opens with observational work requiring the use of various meteorological instruments, the preparation of a government monthly report, and the expression of data by diagrams. The various elements of weather and climate are next studied in detail following in part Salisbury's Physiography, advanced course, supplemented by individual study based on government maps. The study of climate is further extended by library work to include climatic conditions in various parts of the world, and the effect of climate on plant and animal life.

Open to all undergraduates.

Throughout the year, two hours.

II. GENERAL GEOLOGY. (General Facts and Principles.) The course begins with a study of the common minerals and rocks, followed by a study of local geology as found in a series of field excursions so planned as to develop from critical study a knowledge of conditions in southwestern Iowa and of processes now in operation. From the knowledge thus gained the class proceeds to the general principles of Structural and Dynamic Geology; and then, in Historical Geology, to the facts bearing on the prominent theories concerning the origin of the earth, and to the evolution of the continents and life in past ages. The presentation is designed to be consistent with Christian faith and to afford that knowledge of the past which should be the property of all well-educated people.

III. STUDY OF TOPOGRAPHIC MAPS AND GEOLOGIC FOLIOS. As the class work in General Geology proceeds that work is supplemented by a parallel course which may be taken either with that in General Geology (II) or at a later time. The first semester the effects of the various physiographic processes are studied as found on the government topographic maps. This semester's work should enable one to interpret a topographic map readily, and gain that information concerning maps which is especially desirable in teaching. The second semester the geological history of the United States is studied by means of the Geologic Folios, the structure in different parts of the country studied, and the economic products noted.

The course as a whole not only gives information with reference to our country of value in any line of study, but also presents a portion of the facts on processes and structure that may be classed under Engineering Geology.

Open to students who are in General Geology (II), or have completed that course.

Throughout the year, two hours.

IV. GEOLOGY OF IOWA. The formations, topography and soils in Iowa are described in a series of lectures. References are given to the volumes of the Iowa Geological Survey and to other reports for collateral study.

Prerequisite, General Geology (II).

First semester, one hour.

V. ADVANCED GEOLOGY. This course supplements work of the preceding courses. Each member of the class chooses the line of investigation which he wishes to pursue and proceeds to as extended and critical study as his previous training and his time permit. The class work is conducted either on the seminar plan or by individual conferences as may seem best, and at such time as may be agreed upon. Two, three or four hours may be elected. The following are some of the courses open:

(a) Geology and Physiography, based on library study, with special reference to travel in foreign lands.

(b) Theories of Geology, based on library study.

(c) The Geological History and Evolution of Vertebrata (a two-hour course). (Students who may wish to study the migration, distribution and relation of Mammals from the standpoint of Geology, omitting the other classes of Vertebrates, will be admitted to this section at the proper time.)

(d) Crystallography. The treatment of this subject includes both the study of crystalline form from models and specimens and the microscopic study of rock-forming minerals. (Mineralogy, Courses VI and VII, are prerequisites.)

An extension of any one of these courses affords opportunity for the preparation of a report (or for a thesis).

Prerequisite, General Geology (II.) and Study of Topographic Maps and Folios (III.)

Second semester, two, three or four hours.

VI-VII. MINERALOGY, DETERMINATIVE AND ECONOMIC. The study opens with a brief course of lectures designed to prepare the student to recognize the various systems of crystals and their characteristic cleavages. Then various minerals are identified by blowpipe methods; their manner of occurrence and economic value are considered, following Riess's Economic Geology. The first semester is given to the study of non-metallic minerals. As the minerals are identified, specimens are properly numbered, labeled and catalogued; they become the property of the student.

In the second semester special attention is given to important metallic minerals, following the plan pursued in the first semester. The course closes with a study of the classification of the minerals in the college collection.

Prerequisite, General Chemistry.

VI. *First semester, two hours;* VII. *Second semester, two hours. The courses will be given in 1915-16, and in alternate years thereafter.*

VIII. INVERTEBRATE PALÆONTOLOGY. Assuming a general knowledge of Invertebrates from the study of Zoology, the distribution in time of the various Sub-kingdoms is considered in order, and the variations which have taken place in each group. The presentation is from the biological side, but the groundwork is laid for the study of the use of fossils in determining the age of strata, and for the study of faunas. The course will supplement both Invertebrate Zoology (I) and General Geology (III).

Prerequisite, Zoology.

First semester, two hours. This course will be given in 1916-17, and in alternate years thereafter.

IX. VERTEBRATE PALÆONTOLOGY. Assuming a general knowledge of Vertebrates from the study of Zoology, the general facts of each Class are reviewed, then the distribution in time of the various Classes is considered and the variations which have taken place in each Class. Finally, the present distribution of animals and the bearing of past life upon present distribution are considered.

This course will supplement Vertebrate Zoology (1), Mammalian Anatomy (VII.), and General Geology (II).

Second semester, two hours.

ECONOMICS.

Professor Klinger.

I. PRINCIPLES OF ECONOMICS. The work of this course will be to lead the student into a knowledge and appreciation of the economic history of England, but more especially of the United States; also to make him familiar with the elementary concepts of economic science as illustrated in the subjects of production, consumption and exchange.

Not open to Freshmen.

Throughout the year, three hours.

II. BUSINESS ORGANIZATION. A study of the principles of modern business organization and corporation finance.

Open only to those who have had Economics I or its equivalent.

First semester, two hours.

III. MONEY AND BANKING. A study of the nature and functions of money and the instruments of credit; the functions of banks, and the machinery and practice of banking.

Open only to those who have had Economics I and II or their equivalent.

Second semester, two hours.

IV. BUSINESS LAW. See under Political Science.

EDUCATION.

Professor Weir.

I A. PRINCIPLES OF METHOD AND MANAGEMENT. An introductory study of the qualifications and duties of the teacher, the purpose of the school, characteristics of children and stages of child growth, the course of study, classifying and grading pupils, school programs, the psychological basis of methods of teaching, class management, government and discipline, habit formation, incentives and punishments, hygiene of the pupil and the school. Colgrove's "The Teacher and the School" is used as a text. The course is especially planned for students in the two-year Normal course.

Open to Freshmen.

First semester, two hours a week.

II B. HOW TO STUDY. The purpose of this course is to aid the student in acquiring correct habits of study and in gaining an intelligent understanding of the learning process. Designed especially for Freshmen and students in the Normal course.

Second semester, two hours.

II A. PRINCIPLES OF EDUCATION. A study of the principles underlying modern systems of education, the general aim and the scope of education, individual and social aspects of education, the biological aspect of education, formal culture, education as adjustment, stages in education and the special aim of each stage, selection and arrangement of the material of instruction, the doctrines of interest, apperception, habit formation, concentration and correlation of studies, moral growth and character formation, etc. Lectures, reports on assigned readings, class discussions.

Open only to Juniors who have had at least three hours of Psychology.

First semester, three hours.

II B. CHILDHOOD AND ADOLESCENCE. A study of physical, mental and moral development in childhood and adolescence with special reference to educational principles and correct methods of guidance and control. The course includes an examination of the methods of child study and some acquaintance with the literature of the subject.

Open only to students who have had at least three hours of Psychology.

Second semester, three hours.

III. HISTORY OF EDUCATION. A study of the development of educational ideals and practice from the earliest times to our own day. Emphasis is placed on the theoretic conceptions and the social forces which were especially influential in determining specific forms of organization or the spirit and content of instruction at different stages of educational development. A careful study of the doctrines of educational leaders and reformers is made, and of their influence upon practice. The course concludes with a review of the progress of education in the nineteenth century, special attention being given to the evolution of national school systems and to the influence of the modern scientific and social spirit.

Open to Sophomores and second year Normal students.

The course continues through the year, but may be taken for either semester, three hours a week.

IV A. SECONDARY EDUCATION. A study of the aim and scope of secondary education as related to the elementary school and the college and to vocational aims. Methods of administration and instruction in secondary schools. The elective system, vocational and cultural subjects, specialization in the high school, moral and social phases of secondary education.

Open to Seniors only.

First semester, three hours.

IV B. SOCIAL ASPECTS OF EDUCATION. The social origin of educational agencies, the school as a factor in social progress, relation of the school to the home and the community, the school as a social center, the relation of education to social stability and to social reform, the education of defectives and delinquents, the community life of the school as related to moral training, the social significance of school plays and games, industrial and vocational direction as a function of public education.

For advanced students only.

Second semester, three hours, alternates with IV (C).

IV C. ORGANIZATION AND ADMINISTRATION OF PUBLIC EDUCATION. A study of principles and methods of school organization and management. National and state functions in education, local units of educational administration, the city school systems, forms and functions of state and local supervision, school buildings, furnishings and equipment, the teaching staff, courses of study, grading and promotion, correction and discipline, special types of public education.

For advanced students only.

Second semester, three hours, alternating with IV (B).

ENGLISH LANGUAGE AND LITERATURE.

Professor Goodenough, Professor Goodwin and Associate Professor Hayward.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to an appreciation of good literature by a study of selected masterpieces.

Those who wish to major in English should study English I and II, Literature I, II, V and VI, and elect ten hours of other work in the department. These ten hours should be selected in accordance with some plan and should include some courses in nineteenth century literature and the course in advanced composition.

ENGLISH LANGUAGE.

ENGLISH I. ENGLISH COMPOSITION. A study of the principles of composition in which the student develops his command of English by both prepared and extemporaneous themes. Special attention is given to exposition, methods in taking notes, and argumentation. Required of Freshmen in all courses.

First semester, two hours.

ENGLISH II. ENGLISH COMPOSITION. A continuation of English I with special attention to description, narration, and the oration. Required of all Freshmen in all courses.

Second semester, two hours.

ENGLISH III AND IV. ADVANCED COMPOSITION. A course in which the general principles governing the best forms of literary composition are studied with practice in original production. This course is designed to give training in forceful and artistic writing. Prerequisites English I and II. Required of all majoring in English.

Throughout the year, two hours.

ENGLISH LITERATURE.

LITERATURE I. THE INTERPRETATION OF LITERATURE. In this course the various literary types will be considered and illustrative works will be studied. The aim of this course will be to gain a point of view and a method in the study and interpretation of literature. Required of all students.

First semester, three hours.

LITERATURE II. PERIODS OF LITERATURE. This course will take up a study of the main historical periods of English literature with special emphasis upon the sixteenth, eighteenth and nineteenth centuries. Required of all students.

Second semester, three hours.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people. The prerequisite is Literature I. Not offered 1915-16.

Second semester, three hours.

LITERATURE V. ENGLISH DRAMA. A study of the development of the English drama from the earliest time to the time of Shakespere with careful attention to dramatic technique. Three or four of the early plays of Shakespere are studied and compared with the works of other dramatists of the period. Literature I and II are prerequisites. Those majoring in English should enter this course in the Sophomore year.

First semester, three hours.

LITERATURE VI. SHAKESPERE. A study of the plays of Shakespere from class lectures and collateral readings. Literature V is a prerequisite.

Second semester, three hours.

LITERATURE VII. ROMANTIC POETS. This course will consist of an interpretative study of the principal romantic poets with special emphasis upon Burns, Wordsworth, Byron, Shelley and Keats.

Throughout the year, three hours.

LITERATURE VIII. VICTORIAN PROSE WRITERS. In this course representative works of the principal prose writers of the Victorian period will be studied with special emphasis upon Ruskin and Carlyle. Not offered 1915-16.

Throughout the year, two hours.

LITERATURE IX. VICTORIAN POETS. All of the important poets of this period will be considered, but the main emphasis will be placed upon Tennyson during the first semester, and upon Browning during the second semester. It is recommended that students majoring in the English department take Literature VIII and IX together. Not offered 1915-16.

Throughout the year, three hours.

LITERATURE X. THE ESSAY. A study, historical and critical, of the essay as a literary form from Bacon to the present time. The main emphasis will be placed upon reading and interpreting representative essays of Bacon, Addison, Swift, Lamb, Ruskin, Carlyle, Emerson, Stevenson, Pater, and some contemporary writers.

Throughout the year, two hours.

LITERATURE XII. LITERARY CRITICISM. The aim of this course is to give the student a knowledge of the fundamental laws and principles of literary art with some practice in applying such knowledge to the study of various masterpieces of literature.

Open to Juniors and Seniors.

First semester, two hours.

LITERATURE XIV. RECENT AND CONTEMPORARY LITERATURE. This course will take up the study of various important writers of our own day, the aim being to show how the intellectual and social unrest of the present is reflected in literature.

Throughout the year, two hours.

LITERATURE XV. THE ENGLISH NOVEL. This course will consist of a critical study of the novel as a literary type. Representative novels from Scott, Dickens, Thackeray, Meredith and Hardy will be studied.

Second semester, two hours.

LITERATURE XX. This course is primarily arranged for those who intend to teach English in the high school. The work includes a survey of the literary periods, a study of the literary types, and a critical analysis of some of the work required for college entrance, with special emphasis upon methods of presentation in the class room. This course is open to Seniors who have majored in English and to others who secure the consent of the instructor. It is desired that those who are to be recommended as teachers of English enter this course.

Second semester, two hours.

FRENCH.

Professor Hier.

1. ELEMENTARY FRENCH. Giese: Graded French Method. Talbot: Le Francais et la Patrie, Labiche et Martin, Le Voyage de M. Perrichon.

Throughout the year, four hours.

II. INTERMEDIATE FRENCH. Fraser and Squair. Part II. Reading from the works of standard French writers.

Throughout the year, four hours.

III. ADVANCED COURSE. Reading of plays, poems, and prose of Classic French Literature, Translating English into French. A novel will be read by the student outside of class and reports given.

Texts—Corneille's "Le Cid," Racine's "Athalie," Moliere's "Le Misanthrope," Canfield's French Lyrics, Beaumarchai's "Le Barbiere de Seville" and Letters, Lesage's "Gil Blas," selections from poetry and comedies of Musset.

Throughout the year, three hours.

IV. MODERN FRENCH. Study of modern French novels and plays, taking as a basis Pellessier's "Le Mouvement Litteraire au

XIX Siecle," Knapp's Modern French readings, Maupassant's Contes Choisis, Rostand's "Cyrano de Bergerac" and "Chanticler," St. Beuve's "Les Cruserie du Lundi," Balzac's Eugene Grandet, Hugo's "Notre-Dame de Paris."

Throughout the year, three hours.

GERMAN.

Acting Professor Roe.

The aim of this department is to give the student a knowledge of the language, literature and customs of Germany. Emphasis is placed on conversation and every effort is made to help the student acquire ease in reading and understanding the language.

I. ELEMENTARY. B. J. VOS "Essentials of German" used as a basis for grammatical exercises. The course aims to give the student thorough training in the fundamentals of grammar, to accustom his ear to short German sentences and to enable him to read simple prose.

Texts—Mueller and Wenkelbach "Gluck Auf," Bacon's "Im Vaterland," "Altes and Neues," Storm's "Immensee."

Throughout the year, four hours.

II. ADVANCED GRAMMAR AND COMPOSITION. Reading and writing of short stories and essays. German is used in the class room.

Texts—Schiller's "Wilhelm Tell," Wildenbruch's "Das edle Blut," "Neid," Goethe's "Hermann und Dorothea," Fouque "Undine," Freytag "Die Journalisten."

Prerequisite Course I.

Throughout the year, four hours.

III. GERMAN CLASSICS. Study of German Classics. The writing of German essays and simple stories is continued. The study of German Literature from the Nibelungenlied to Young Germany is taken.

Texts—Schiller's Wallenstein's "Tod," Goethe's "Egmont," Lessing, "Nathan der Weise." A short German novel read outside of class and reports given.

Prerequisite Courses I and II.

Throughout the year, four hours.

IV. MODERN GERMAN. This course consists of the study of modern plays with the social and political conditions.

Texts—The works of Hauptman, Sudermann, Wildenbruch. Second semester devoted to Goethe's "Faust," Part I.

Prerequisite Courses I, II, III.

Throughout the year, two hours.

V. SEMINAR. The seminar for 1913-14 will study the development of the novel after Goethe. Leading novelists and their works will be taken up.

Throughout the year, time to be arranged, two hours.

VI. METHODS. Historical grammar, also review of the principles of grammar, phonetics, and a study of several first and second year texts.

Prerequisite Courses I, II, III.

Throughout the year, one hour. Not given 1913-14.

GREEK.

Professor Baker.

I and II. ELEMENTARY GREEK. These courses are provided for those who do not offer Greek for entrance. They consist of the elements of the language as usually taught. Connected passages from some Greek author are introduced within the first few weeks of the course. A portion of the first book of the Anabasis is read at the close of the second semester.

First and second semesters, four hours.

III. XENOPHON'S ANABASIS AND GREEK COMPOSITION. Two books are read. Exercises in writing Greek accompany the daily reading. Some oral practice in Greek is also given. Lectures on topics connected with the Medo-Persian civilization.

First semester, four hours.

IV. LUKE'S GOSPEL. Particular attention is paid to the acquisition of the vocabulary necessary for the further study of the New Testament. Oral composition accompanies the work.

Second semester, four hours.

V. (a) PLATO. The Apology. Lectures on Pre-Socratic philosophy. (10 weeks.)

(b) HOMER. The Iliad, selections. (10 weeks.)

(c) EURIPIDES. The Alcestis. (10 weeks.)

VI. SOPHOCLES. THE ANTIGONE. Scenic antiquities and the history of the drama are the collateral topics.

VII. THE NEW TESTAMENT. Paul's Letter to the Romans.

Second semester, three hours.

HISTORY.

Professor Klinger.

I. GREEK HISTORY. A careful survey of Greek civilization from early times to 146 B. C. Special attention will be given to the development of the literature, philosophy, and fine arts of the Greeks. Text book, collateral readings, and reports on special topics.

First semester, two hours. Not given in 1915-16.

II. ROMAN HISTORY. From the earliest times to 800 A. D. Emphasis will be placed upon the period from 133 B. C. to 180 A. D. The decline of Rome, the rise of Christianity, and the transition period from 400 to 800 A. D., will be carefully developed.

Second semester, two hours. Not given in 1915-16.

III. EUROPEAN HISTORY A. An introductory course in general movements of institutional life from the Germanic migration to the Reformation. Text book, collateral readings, and reports on special topics.

First semester, three hours.

IV. EUROPEAN HISTORY B. From the Reformation to the present time. Open to students who have had European History A.

Second semester, three hours.

V. ENGLISH HISTORY A. From early times to the opening of the Stuart reigns in 1603. Text book and lectures on the political history; collateral readings and special topics on the constitutional, industrial, religious, and social history of England.

First semester, three hours.

VI. ENGLISH HISTORY B. From 1603 to the present time. The constitutionalizing of the king in the 17th century; the rise of political parties and development of the cabinet; the economic revolution of the 18th century, and the economic, political, and constitutional reforms of the 19th century will be considered in lectures and special topics. Open to students who have had English History A.

Second semester, three hours.

VII. AMERICAN HISTORY, 1763-1861. From the close of the great century of conflict with France to the Civil War; a study of union and disunion. The method of this course is, in part, that of the seminar. Topics for investigation and report are assigned. A text book, however, will be used to supplement the reports. Open to Juniors and Seniors.

First semester, three hours.

VIII. AMERICAN HISTORY, 1861-1914. A study of the recent history of the United States in its political, financial, economic, social, and intellectual progress to the very present. The same method and text will be used as mentioned above, in Course VII. Open to Juniors and Seniors.

Second semester, three hours.

IX. HISTORICAL METHODS. This course will treat of the nature of History, the instruments in the interpretation and organization of historical material for teaching purposes, and from the viewpoint of the student and of the teacher; exercises in interpreting and organizing a special limited field. Critical examination of text books in History, in the light of principles discovered of the evolution and interpretation of facts, their organization, etc., and the making of lesson plans. Open to those who have had twelve hours of History.

Second semester, two hours.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of construction and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

Prerequisite, four years of Academy or H. S. Latin.

I A. CICERO, De Senectute. TACITUS, Agricola.

First semester, four hours.

I B. LIVY, selections from the History. VIRGIL, selections from the Georgics.

Second semester, four hours.

Any of the other courses may be taken after I, A and B.

II A. HORACE, selections from the Odes, Satires and Epistles.
First semester, three hours.

II B. PLAUTUS or TERENCE, one play. Selections from the Roman Poets.

Second semester, three hours.

III A. JUVENAL, Satires. Study of Roman Private Life.

First semester, two hours.

III B. MARTIAL, Epigrams. Study of Roman Private Life.
Second semester, two hours.

(Course III will be offered in 1916-17.)

IV A. ROMAN PUBLIC LIFE.

First semester, two hours.

IV B. REVIEW OF LATIN GRAMMAR.

Second semester, two hours.

(Course IV will be offered in 1915-16.)

V. CLASSICAL SEMINAR.
The work in Course V varies from year to year. Its scope and topics may be inferred from the statement of the purpose of the work of this department on the preceding page.

Throughout the year, one hour.

MATHEMATICS.

Professor Emmons.

While the principal objects in the courses in Mathematics are mental discipline and training in logical thinking, the application to the problems of everyday life of the power of analysis acquired, incidentally proves that the subject has a high utilitarian value. The student receives the subject matter through the text book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts, the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

Those who major in Mathematics are expected to complete Courses I-VIII, except that ladies are advised to substitute Mechanical Drawing for Surveying.

I. MATHEMATICS. After a short review of algebraic reductions, the binomial theorem, elementary graphs, theory of limits and logarithms will be studied. Then plane trigonometry will be presented. The trigonometric functions will be used in the solution of triangles. Attention will be given to trigonometric analysis. Required of all Freshmen.

First semester, three hours.

II. MATHEMATICS. Prerequisite Course I. This course includes the study of progressions, infinite series, approximate calculations, undetermined coefficients, partial fractions, permutations, combinations, probability, determinants, and theory of equations. If time permits a few lessons will be devoted to statistical analysis and the elements of least squares.

Second semester, three hours.

III. PLANE SURVEYING. After studying the plan of construction and the adjustments of the standard instruments, the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit or level in the field are assigned. The student is required to keep a field note book of all surveys and problems. Not given in 1915-16.

Second semester, two hours. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. ANALYTIC GEOMETRY, PLANE AND SOLID. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations. Prerequisites I and II.

First semester, five hours.

V. DIFFERENTIAL CALCULUS. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivative. In this course emphasis is laid upon the differential calculus, though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prerequisite IV.

Second semester, five hours.

VI. DETERMINANTS AND THEORY OF EQUATIONS. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V. *Not given in 1915-16.*

VII. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. This is a continuation of Course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

First semester, four hours.

VIII. ASTRONOMY. A course in descriptive astronomy, including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four-inch equatorial telescope. Prerequisite I.

Second semester, four hours.

IX. STATISTICS. The aim of the course is to give a mathematical basis for statistical analysis, especially to those interested in sociological and economic problems. A few lessons are devoted to the history of statistical study. The most approved methods of collecting, tabulating and analyzing statistics will be presented. The types and averages in common use are studied with reference to their comparative advantages.

First semester, two hours.

X. SEMINAR. Time and nature of work to be arranged with the students concerned. It is desirable that the student pursue this course throughout a year.

PHILOSOPHY.

Professor Morley.

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. It seeks to co-ordinate and unify all departments of human knowledge. Its chief personal and cultural value lies in the wide outlook, and the true understanding and valuation of life and nature which it gives, and in the development and discipline of the analytical and logical powers of the mind. From the practical standpoint it is essential to the best foundation for law, theology or other professional studies calling for the most accurate and consistent reasoning. The purpose of the department is to open this field of study to the student and to bring some of the more important results of philosophic inquiry into close relation to the practical needs and problems of present-day life.

I. GENERAL PSYCHOLOGY. This course presents the main facts, laws and interpretations of the mental life. These are studied in an introductory way during the first semester and with more detailed and intensive method during the second semester. Two texts are studied and their use is supplemented by written exercises, class discussions. Lectures are given upon special phases of mental life, upon comparative psychology and upon dreams, sleep, hypnosis, hallucination, and other forms of abnormal psychology. The lectures are supplemented throughout by experiments and demonstrations before the class.

Open to Sophomores.

Throughout the year, three hours.

II A. PHILOSOPHY OF THOUGHT AND LANGUAGE. An introductory course in Theory of Thought and Knowledge. The philosophy of good thinking with some study of the fundamental laws of thought and the rational processes by which we come to our judgments and beliefs. The work will include a brief study of the development of language and its function as the instrument of thought.

Lectures, Class Discussions, Collateral Reading. Required of all majors in Philosophy.

First semester, two hours.

B. LOGIC. A study of deductive and inductive logic, with practical exercises in the use of the logical forms, and emphasis upon their limitations. Creighton's Introductory Logic is the text.

Second semester, two hours.

III. INTRODUCTION TO PHILOSOPHY. This course is intended for the general student who wishes to know something of the philosophical problems that have engaged human thought; and it is as well a preparation for those who wish to pursue the more advanced courses in philosophy. An attempt will be made to present the various philosophical systems in relation to the science and general civilization of the periods to which they belong. Roger's "A Student's History of Philosophy" will be used as a text. Open to Juniors who have completed Psychology I. Required of all majors in Philosophy.

First semester, four hours.

IV. MODERN PHILOSOPHY. In this course it is proposed to examine systematically and critically the leading types of philosophical theory from Kant to the present time, and to study some of the fundamental metaphysical problems, and the methods and principles that modern philosophy employs in their solution. Open to Juniors who have had Course III. Required of all majors in Philosophy.

Second semester, four hours.

V. ETHICS. After a study of the different types of ethical theory, this course considers the origin and the authority of the moral law, the functions of conscience, and the rational principles which may be brought to bear upon the ethical aspects of current judicial, social and commercial problems. Seth's "Ethical Principles" is used as a text book. Open to Juniors. Required of all majors in Philosophy.

First semester, four hours.

VI. THESIS COURSE. This course consists in prescribed readings in investigation of some subject in philosophy approved by the head of the department. This study and the preparation of a thesis will continue throughout the year. The time of conferences and for the presentation and defense of the thesis will be privately arranged. Open to Seniors who major in Philosophy. Maximum credit two hours.

VII. PHILOSOPHICAL SEMINAR. The aim of this course is to supplement the work in Courses III and IV by a more intensive study of the problems there raised. It will aim to give an acquaintance with leading philosophical systems in their original form. A reading knowledge of French and German, while not required, will be of advantage. The work will be mainly individual study under the direction of the head of the department, with weekly conferences and discussions. Open to Seniors who major in Philosophy. Maximum credit, two hours.

Second semester meets once a week.

NOTE.—Course II will be given by President Strickland.

THE HISTORY AND PHILOSOPHY OF RELIGION.

President Strickland.

A thorough modern education demands some serious study of the development of the religious consciousness as seen in primitive forms of worship and in the great ethnic religions of the world. The greatness of Christianity can be appreciated only by the contrast with other religious systems. The object of the work in the Study of Religion is to present the truth of a gradual unfolding Revelation of the Divine in human life. The method is historical. Matters of criticism which do not touch Christian faith are kept in the background, the purpose of the work being positive and constructive, not critical.

In the College course the thoughtful student finds his horizons of knowledge widening and some of his beliefs and standpoints shifting. One of the aims of this department is to afford guidance to the student through this transition period, so that while he may change his viewpoints, his religious faith may not lose its spiritual content, but may be deepened.

I. HISTORY OF RELIGION. A study of primitive religious beliefs, practices, and forms of worship followed by a brief study of several of the non-Christian religions. Menzies' History of Religion is used in part as the text, supplemented by lectures and collateral reading.

Open to all who have had English Bible I and II.

The first semester, two hours.

II. A STUDY OF THE CHRISTIAN RELIGION. The work begins with a study of the growth of Judaism after the Babylonian exile. Following this the origin and growth of Christianity are traced. The great fundamental teachings of the Christian religion are considered, such as the growth of the divine revelation, the personality of God, the immanence of God, the divine authority of Jesus Christ, conceptions of the natural and the supernatural, the belief in personal immortality. The object is to present in outline a philosophy of Christianity and to indicate the way to a firm foundation for positive Christian faith, which shall be in harmony with modern ways of thinking. Lectures, required readings, and class papers.

Open to all who have had English Bible I and II.

The second semester, two hours.

COLLEGE PHYSICS.

Professor Tilton.

Mr. Clare Blattenburg, Laboratory Assistant.

I. REVIEW PHYSICS. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded Seniors who wish to teach, but have not registered in Courses II and III. This review work is so arranged that those who have had Course II can review the elements of the remainder of the subject by electing the second semester of Physics I, and those who have had Course III can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Each semester, one hour.

II. MECHANICS OF SOLIDS AND FLUIDS in the first semester, SOUND AND HEAT (including Thermodynamics) in the second semester.

Each semester beginning in the odd years, four hours. (On laboratory days, 1:30 to 3:30.)

III. MAGNETISM AND PART OF ELECTRICITY the first semester. ELECTRICITY AND LIGHT the second semester.

Each semester beginning in the even years, four hours. (On laboratory days, 1:30 to 3:30.)

General explanation, Physics II and III: It is advisable, though not required, that Physics II precede Physics III. For admission, grades in Trigonometry are necessary. When advisable, registration is permitted for partial courses.

The various subjects are presented partly by text books with recitations thereon, and partly by lectures. The class work on each subject is then followed by a laboratory course consisting of the following: (a) Important experiments of an illustrating character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) Experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for further technical and engineering courses. It is also planned to prepare those to teach who wish to teach Physics in high schools.

Those who are unable to take both Physics II and III will find the following the next best combination of courses: Physics II and the second semester of Physics I, or Physics III and the first semester of Physics I.

IV. SPECIAL PHYSICS. This course is especially for those who are majoring either in Physics or in the Physics side of the Pre-engineering group. It will consist of individual laboratory work upon some problem bearing on future life work in engineering, followed by the preparation of a written report, or thesis, on the problem assigned. In this work those who are to take up Electrical Engineering will continue the study of the alternate current, which was begun in Physics III.

Either semester, by special arrangement. A maximum of four semester hours of credit is allowed.

PHYSICAL TRAINING.

With the opening of the new gymnasium, this department has been re-established upon broad lines. The fine equipment now available enables us to offer thorough training in Physical Culture under the best conditions.

The purpose of the Department of Physical Culture may be expressed in words taken from the address of Mr. Hopper in which he presented the gymnasium to the college. Mr. Hopper said: "The time has come when every college should establish a department for physical efficiency, manned by an educational instructor with special training, with high ideals and fine character; a man who understands human nature and human needs, whose business would be to look out for the physical welfare of each student under his care, whose aim should be that every student attain his greatest physical efficiency. There is no reason why college students should not graduate with an elastic step, graceful carriage, pleasing bearing, well-developed body and habits formed which will permit good health and tend to longevity."

To realize this aim the Department of Physical Education provides suitable training for the physical well-being of the students. Regular and systematic exercise is of the greatest importance to those leading a sedentary life and for this reason gymnasium work or its equivalent in athletics has been made compulsory.

Two hours of gymnasium work per week are required of every student for three years. College credit for this work is given in the usual laboratory ratio of two to one. Delinquencies are subject to the same regulations as any class room work.

PHYSICAL TRAINING FOR MEN.

Arthur Aston, Director.

Each man is given a medical examination at the beginning of the college year by a physician and a physical examination by the director of the gymnasium. Records of this examination are kept on file by means of anthropometric cards and charts.

Gymnasium work for men is graded to suit the needs of individual students as far as possible and is designed to be corrective whenever needed. To develop an easy and graceful carriage, an erect bearing and to aid the body in its functions are the purposes of this training. With the consent of the director, athletics may be substituted for gymnasium work.

The different athletic sports are encouraged in a moderate and sane way, and are regarded as a part of the regular physical education. This includes football, basketball, track, baseball and tennis.

A description of the gymnasium building has already been given under the head of general equipment of the college. But some description of the equipment for the physical training may be in order. The apparatus is of the latest type and is most complete. It includes stall bars, flying and traveling rings, parallel and horizontal bars, horizontal ladder, 24 chest weights. Besides this, there are horses and bucks, an adequate supply of dumb bells, wands and Indian clubs, a rowing machine and long rubber mats for indoor sprinting.

First Year—

Drill and marching. Setting up exercises. Light work on parallel bars, rings and ladder. Work with chest weights.

Two hours per week.

Second Year—

Drill and marching. More advanced work on heavy apparatus. Work with dumb bells and wands.

Two hours per week.

Third Year—

Advanced work in heavy apparatus. For those desiring it, work will be offered in the methods of teaching Physical Culture.

Two hours per week.

PHYSICAL CULTURE FOR THE WOMEN.

June Hamilton-Rhodes, Director.

The work for women in Physical Training has for its chief aim the correction of faulty physical traits, the promotion of grace and agility, the knowledge of the care of the body required for perfect functioning of its parts, a love of recreation, of the open and the formation of the habit of systematic exercise, which will be continued by the student long after college days are over.

At the beginning of the college year each girl is given a physical examination by the director, assisted by a woman physician. The results are tabulated and kept on file in the director's office. Each young woman is required to take two hours of Physical Culture per week, and all students who need corrective work are given special exercises. During the year lectures in personal and public hygiene are given and each young woman is free to consult with the director at any time. No girls are allowed to participate in any athletic sports or games without permission of the director, after a thorough examination by director and assisting physician. The object of this department is to build up, not tear down, so that each young woman may be able to keep herself in the best physical condition in order that she may derive the greatest benefit from her college work and arrive at her highest degree of efficiency.

Each young woman is required to furnish her own gymnasium suit and shoes. These are ordered by the college at a cost of $3.75 for suits and $1.50 for shoes.

First Year—

October. Physical examination, prescriptions and demonstrations of special corrective exercises.

November. Floor work, marching, setting up exercises, elemental rhythmic steps. Beginning light apparatus, dumb bells and Indian clubs, wands.

December. Folk dancing, beginners' classes, gymnastic games, first exercises, rings and chest weights.

January. Continuation of elementary rhythmic exercises and light apparatus.

February. Continuation of work of January, introduction of parallel bars, stall bars, Swedish horse, simple exercises.

March. General review of first year's work.

April. Exhibition of work during first week followed by training for athletic sports by those eligible. Chest weights emphasized.

May. Grading of students for following year classes, leaders selected, examination of Senior class, all work this month done outside of gymnasium, tennis, hockey, cross country, jumping and running.

Second Year—

Monthly gradation of work as in first year—advanced work in light and heavy apparatus, folk dancing, advanced classes—advanced rhythmic work. Beginning class in pantomime.

Third Year—

Monthly gradation of work as in first year. Advanced apparatus, light and heavy—original drill work—original rhythm work—advanced folk dancing and pantomime. Original pantomime of familiar folk lore.

POLITICAL SCIENCE.

Professor Klinger.

I. POLITICAL SCIENCE. An introductory course in the study of the main conceptions and principles of political science. Text book, collateral readings, and reports on special topics. Not open to Freshmen.

Throughout the year, two hours. Not offered in 1915-16.

II. THE GOVERNMENTS OF EUROPE. A study of the governmental systems of the various countries of western and central Europe as they have taken form and as they operate at the present day. Text book, collateral readings, and reports on special topics. Open to Juniors and Seniors.

First semester, two hours. Not offered in 1915-16.

III. BUSINESS LAW. A study of the principles of business law under such topics as contracts, real and personal property, negotiable instruments, agency, partnerships and insurance. Open to those who have had Economics I or Political Science I or their equivalents.

First semester, two hours.

IV. AMERICAN GOVERNMENT AND POLITICS. The aim of this course is to give the student a knowledge of his own local, county, city and state government and then to pass to a study of the national government and of the organization and operation of political parties therein. Open to Juniors and Seniors.

Second semester, two hours.

PUBLIC SPEAKING.

Professor Goodwin.

The purpose of our courses in Public Speaking is to present in a practical and effective manner the essentials of platform work and, by class exercises and training, to develop in individuals the most effective manner of public address. The emphasis will be laid upon the direct conversational type of speaking.

I. VOCAL CULTURE AND ORATORY. A study of pronunciation, enunciation, directness, emphasis, etc., with exercises to develop vocal energy, purity and flexibility of voice. Selections are committed and recited before the class. Required of all.

First semester, two hours.

Second semester, two hours. (Course repeated.)

II. ORATORY AND INTERPRETATION. Continuation of Voice Drill begun in Course I. Special attention to gesture. Further drill on masterpieces of oratory, with a view to cultivating appreciativeness, poise, melody, and mastery of an audience. Considerable work in interpretative reading of emotional poetry.

Prerequisite I.

Second semester, two hours.

III. EXTEMPORANEOUS ORATORY. A study of the field of extempore speech, with practice in speaking on topics suitable to various occasions.

Prerequisite, I and II.

First semester, two hours.

IV. CONSTRUCTIVE ORATORY. A study of the modern oration, modern styles of oratorical composition in comparison with classical forms. Especial attention to the modern college oration. A finished oration required of every one in class, together with other prepared papers. Private training in delivery given on orations written in the class. Valuable opportunity to write orations for the various college contests.

Prerequisite, I and II.

Second semester, two hours.

V. DEBATING. A study of the art of debate, and the principles of argumentation. Persistent practice in brief drawing on assigned questions. Work on preparation of rebuttal. Frequent drill in actual debating, with especial attention to delivery.

Prerequisite, Course I.

First semester, two hours.

The Forensic League of Simpson College each year sends representatives to the various State contests in Oratory, The Intercollegiate, the Peace, and the Prohibition. A number of intercollegiate debates are also scheduled each year. Students ambitious to participate in any of these are urged to take Courses I and V as early in their college work as possible.

SOCIOLOGY.

Professor Weir.

I. PRINCIPLES OF SOCIOLOGY. An elementary and introductory course dealing with the general principles, methods and problems of sociology illustrated by reference to concrete conditions of the present day. Ellwood's "Sociology and Social Problems" or some other introductory text will be used, supplemented with lectures and assigned readings. Open to Sophomores.

First semester, three hours.

II. PROBLEMS OF SOCIAL REFORM. Some attention will be given to social psychology and principles of social hygiene as a basis for the study of current social problems, such as poverty, dependency, delinquency, crime, intemperance, defective and degenerate classes, social vices, social therapeutics and social sanitation. The special problems treated vary from year to year. Smith's "Social Pathology" or Henderson's "Dependents, Defectives and Delinquents" may be used as texts. Open to Sophomores.

Second semester, three hours.

III. AMERICAN CITY PROBLEMS. A study of social conditions of the city, including methods of city management, public utilities, home life, city sanitation, cost of living, condition of the industrial classes and the poor, treatment of delinquents, education, recreation, etc. Beard's "American City Government" is used as a text. Howe's "The City, the Hope of Democracy" and several other works, as well as magazine articles, are used for reference. Open only to students who have had Sociology I.

Two hours, first semester. (*Not given in 1915-16.*)

IV. RURAL SOCIOLOGY. A study of the conditions and problems of social life in the country and of rural social institutions. The problems of the country church, the country home and the country school will be considered. The significance of rural social centers and civic clubs will receive attention. Gillette's "Constructive Rural Sociology" will be used as a text, supplemented by references to Bailey's "The Country Life Movement," Wilson's "The Evolution of the Country Community," the report of the Country Life Commission, etc. Open only to students who have had Sociology I.

Second semester, two hours. (*Not given in 1915-16.*)

V. MODERN SOCIALISM AND SOCIALISTIC THEORIES. The history of the socialistic movement, the economic and philosophic basis of socialism, the socialistic program, misunderstandings and misrepresentations, strength and weakness of socialism, etc. The course will be conducted chiefly upon the seminar plan, with lectures and assigned readings, throughout the year, two hours. Alternates with Courses III and IV. Given in 1915-16.

The Academy

The Academy

BOARD OF INSTRUCTORS.

FRANCIS L. STRICKLAND, Ph. D.
President of the College.

GRACE BEAM, A. B.
Principal and Instructor in Mathematics and History.

GRACE HAYWARD, A. M.
Instructor in English.

MARY OLIVE HUNTING, A. M.
Instructor in Latin.

FLORENCE HIER, A. B.
Instructor in German.

DORIS LAMB.
Instructor in Drawing.

ARTHUR ASTON.
Instructor in Physical Culture, Men.

JUNE HAMILTON-RHODES.
Instructor in Physical Culture, Women.

The Academy

THE Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the academy, which was continued, remains today a useful department of the institution.

With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But Simpson Academy still fills a needed place. Several things are worth considering here. In the first place, many towns of Iowa have not reached the point where they can maintain a fully accredited high school with the standard four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is a considerable advantage in being able to come to a college which maintains a high-grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the high school work for a year or two, but gave it up. They do not wish to go back to the high school, for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in our Academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This, of course, is impossible at the regular high schools.

Much of the teaching in the Academy is done by the instructors. In some cases, however, the professors of the College give the instruction in their departments. This is true in beginning the study of languages. We think it a matter of prime importance that students should begin the study of Latin, German or Greek under the guidance of the most experienced teachers we have. Our students therefore have their first year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German.

There is careful supervision of the Academy work by the Principal and the President. Each member of the teaching force makes a written report four times a year to the President. This covers the work in the Academy as well as in the college.

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years' course may be admitted to any year by submitting certificates or other evidence of the amount and satisfactory character of the work done.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

PRIZES.

The Buxton Scholarship Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the Senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the Senior class who has been in attendance during the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

LITERARY SOCIETY.

The Academy has one literary society. The Lowell-Pierian Society was formed in 1913 by the union of the two older societies. Its membership includes both young men and young women of the Academy, Conservatory and School of Business. The students are urged to join this society and gain the culture and training which comes from participation in the regular work of the programs. Not only may they gain practice in debate and parliamentary usage, but may acquire the art of thinking on their feet. The ability to express thoughts in good English is an accomplishment for which every student should strive.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements. The work of the Freshman year in college may be arranged to fit the student's acquirements in language. The minimum requirements for admission to college may be found under heading, "Admission to College."

ACADEMY COURSE OF STUDY.

First Year.

Ancient History	4	4		
Elementary Latin	5	5		
Algebra	4	4		
Physical Geography	4	0		
Elementary Composition	0	4		
Elocution	1	1		
Drawing	1	1		
	—	—	—	—
			18	18

Second Year.

Caesar	5	5		
Geometry	4	4		
English	4	4		
Biology	4	4		
Elocution	1	1		
	—	—	—	—
			17	17

Third Year.

English	4	4		
Algebra	0	4	4	8
English Composition weekly.				
Three studies from this list first semester; two the second semester.				
Cicero	4	4		
German	4	4		
Normal Methods in Grammar	4	0		
Greek	4	4		
Solid Geometry	4	0		
Elementary Economics	0	5		
Bookkeeping	5	5		
Elementary Agriculture	0	5	13	9
	—	—	—	—
			17	17

Fourth Year.

English	4	4		
Elementary Physics	5	5	9	9
English Composition weekly.				
Two studies from this list.				
Latin	5	5		
Greek	4	4		
German	4	4		
United States History	4	4		
Elementary Botany and Agriculture	0	5		
Normal Methods in Grammar	4	0		
Normal Methods in Arithmetic	0	4		
Normal Methods in Geography	0	4		
Normal Methods in Juvenile Literature	0	4		
Elementary Education	4	0		
Bookkeeping	5	5	9	9
	—	—	—	—
			18	18

NOTE.—The Methods courses are to be taken in the third and fourth years.

Physical Culture is required two hours per week. No one may be excused from physical culture except on written permission of the Director with endorsement by the President.

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units, of which two must be in Foreign Language, two and a half in Mathematics, three in English, one in History and one in Science, preferably Elementary Physics.

Of the language units offered for College entrance at least two must be in a single language. Where the third unit is different, the language of that single unit must be continued in the Freshman year unless the student elects Greek.

"Unit" means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hour per week.

Fifteen units required for unconditional admission to College.

Fourteen units admit to conditional standing in the Freshman class. Conditions must be made up by the middle of the Sophomore year or the student will not be continued in his class.

ACADEMY MATHEMATICS.

Miss Beam, Instructor.

ALGEBRA I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Throughout the year, four hours.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Throughout the year, four hours.

GEOMETRY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems of mensuration. Prerequisite, Geometry I.

First semester, four hours.

ALGEBRA II. In this course a few of the subjects treated in Algebra I are taken up for reconsideration from a more advanced and critical viewpoint. The development of number systems of Algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few more of the more advanced topics, such as progressions, binomial theorem and logarithms, may be included. Prerequisites, Algebra I and Geometry I.
Second semester, four hours.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the student to teach arithmetic in the public school grades. Three things are to be undertaken, viz.: (1) To familiarize the student with arithmetic, (2) to guide the student in a study of the viewpoint and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text books.

Second semester, four hours.

THE ENGLISH COURSE OF THE ACADEMY.

Miss Hayward.

In the first year the first semester is spent in the study of Rhetoric and Composition. The second semester will continue the study of Composition, but this work will be based on a study of the American classics. The aim of this year's work is to arouse interest in literature and to develop some skill in simple narration.

The study of the second and third years completes the college entrance requirements. It is expected that the student will gain a careful knowledge of the best of English literature and an understanding of history from collateral readings. The work of these years includes writings studied in class and assignments for private reading on which reports are made. The composition of these two years is fitted to the subjects studied and the attention to this branch of English study is never overlooked. The student progresses to more difficult composition as the works studied become more difficult and he is continually taught to look for the excellencies of style in the writings under consideration.

ELEMENTARY EDUCATION.

Professor Weir.

The Theory and Practice of Teaching in Elementary Schools.

This course is designed to give the student specific instruction in the solution of the every-day problems of a teacher, and to meet the needs of those who are going into district or graded school work. Among other topics the following will be discussed: The recitation; the study period; the writing of lesson plans; various types of lessons; school room discipline; the recess; the ethical relationships of the teacher, his moral and social responsibility; the relation of the teacher to the community; the relation of the teacher to the school board.

Open to third and fourth year Academy students, and required of all Normal students of sub-collegiate rank. First semester, four hours.

ACADEMY LATIN.

Professor Hunting, Miss Baker.

The work of no year is more important than that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advanced years, a serious lack in the first year's work.

FIRST YEAR. A thorough drill in the elements of Latin grammar is given. Analysis and diagraming are used, as is English grammar, for the purpose of teaching language relations. The translation of English into Latin is emphasized as furnishing the best means of applying the principles of Latin grammar.

THE SECOND YEAR. Caesar's Gallic Wars and Nepos with Prose Composition based upon the text. Drill in Latin grammar is continued.

THE THIRD YEAR. Cicero's Orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied.

FOURTH YEAR. Virgil's Aeneid. This is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year, is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rhythm of the verse. The study of mythology is begun in Virgil.

ACADEMY GREEK.

Professor Baker.

I. ELEMENTARY GREEK. This course occupies one year and covers the elements of the language, with continuous reading from the Anabasis of Xenophon begun during the first month of the course.

First and second semesters, four hours.

II. XENOPHON'S ANABASIS. This course includes four books of the Anabasis with such collateral reading as may be necessary for comprehending the bearing of the narrative. Exercises in oral and written Greek form a large part of the course.

First and second semesters, four hours.

ACADEMY HISTORY.

Miss Baker and Miss Beam.

Two years of history are offered in the Academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalization before he has a sufficient number of concrete facts. The order should be reversed.

The teaching of civil government, apart from its historical settings, generally results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses:

I. ANCIENT HISTORY. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical developments of ideas, rather than forms, and of the relation of environment upon earlier life. West's Ancient History is used.

Throughout the year, four hours.

II. UNITED STATES HISTORY AND CIVIL GOVERNMENT. A course in history and government from the beginning to the present time, with emphasis upon the period after 1789. James and Sanford, American History and Government in the State and Nation, are used.

Throughout the year, four hours.

ELEMENTARY BOTANY.

Professor Jenner.

The course consists of a general survey of the whole field of botany in such a manner as to acquaint the student with the plant life about him, and give him a knowledge of the morphology, ecology and physiology of some of the typical seed plants. A minimum amount of work is done on an herbarium, but the student has it constantly impressed upon him that the study of plants is not primarily the study of flowers with a view to their arrangement in a systematic scheme. Emphasis is placed on life processes as the subject matter of botany.

ELEMENTARY HUMAN PHYSIOLOGY.

A general survey of the structure and functions of the human body with a view to giving the knowledge which every graduate of a secondary school should have concerning its proper care. Hough and Segwick's Human Mechanism is used as a text.

DECLAMATION.

Professor Goodwin.

The student learns to develop correct posture and an easy, natural manner on the platform. Exercises are given to aid in correct articulation and pronunciation. Practice is furnished in reading essays at sight, and in the rendition of oratorical and declamatory selections. These selections are committed and recited before the class. It is the purpose of this course to cover the field usually covered by High School work along these lines. Required of all first and second year preparatory students. One hour a week throughout the year.

ELEMENTARY PHYSICS.

A grade in at least one semester's work in Algebra is necessary to registration in this class. The work is planned to give a general knowledge of the subject, with a thorough study of the principles both from a complete laboratory course in which individual experimental work and written reports are required and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by "Laboratory Physics," revised edition, by the same authors.

Five hours per week throughout the year, double periods when Laboratory work is in progress.

PHYSICAL GEOGRAPHY.

In the Academy course in Physical Geography, Dryer's "High School Geography" is used as a text. After a brief consideration of the general principles with reference to the development of land forms, attention is directed to the relation of human life, occupations and civilization to these natural conditions in the different countries, thus emphasizing the economic bearing of the subject.

First semester, four hours per week.

Normal Courses

THESE courses are intended to furnish pedagogical training to those who intend to enter upon the work of teaching in the High School or grades.

The courses are accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first-class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing. It is very desirable that a teacher should be able to illustrate by simple drawings which are accurate enough to convey the ideas intended.

The physical culture will be under a competent director.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES.

I. GRADUATES OF THE COLLEGE who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education is outlined under its proper heading in the departments of instruction of the college.

II. TWO YEAR NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent. Those completing it will receive a diploma and will be thereby entitled to a Two Year State Certificate from the State Board without examination. If success attend their work in the public school, a Second Grade State Certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

The course is as follows:

FIRST (OR FRESHMAN) YEAR.

First Semester.

English Composition	2
English Literature	3
Mathematics	3
Principles of Method and Management	2
Methods (English Grammar)	4
Physical Training	½
Hygiene	1
Electives—	
European History	3
Physiology	3
English Bible	2

Second Semester.

English Composition	2
English Literature	3
Mathematics	3
How to Study	2
Methods (Juvenile Literature)	4
Physical Training	½
Hygiene	1
Electives—	
European History	3
Physiology	3
English Bible	2
American Literature	3

SECOND (OR SOPHOMORE) YEAR.

First Semester.

Psychology	3
History of Education	3
Methods (Arithmetic)	4
Drawing	1
Physical Training	½
Electives—	
Biology	4
Chemistry	4
Greek History	2
Sociology	3
Physiography	3
Public Speaking	2

Second Semester.

Psychology	3
History of Education	3
Methods (Geography)	4
Drawing	1
Physical Training	½
Electives—	
Biology	4
Chemistry	4
Roman History	2
Sociology	3
Meteorology	3
Public Speaking	2

III. NORMAL COURSE. Academy grade, four years, for those who are not High School graduates. This will consist of a review of the common branches with the methods of teaching them, and work selected from the Academy course with the earlier courses in education. The completion of this course will prepare the student for the county examination for First Grade Certificate.

III. The regular Academy course, if the METHOD courses in Arithmetic, Grammar, Juvenile Literature and Geography are included, prepares students for examination in all branches required for First Grade County Certificate.

IV. A short normal course for those who are not High School graduates. This includes a review of the common branches, with the methods of teaching them, and also work in Agriculture, Domestic Science and Manual Training. This course can be taken in one year, including the six weeks' summer term, and prepared for Second and Third Grade Certificates.

Conservatory of Music

Conservatory of Music

THE FACULTY.

FRANCIS STRICKLAND, Ph. D.
President of the College.

FRANK E. BARROWS.
Director of the Conservatory and Instructor in Piano, Pipe Organ and History of Music.

EVERETT OLIVE, Mus. B.
Instructor in Piano.

PERSIS HEATON, Mus. B.
Instructor in Piano.

ELLIS RHODES.
Instructor in Voice.

NELLABY FINNEY.
Instructor in Voice.

HERBERT A. HARVEY.
Instructor in Violin and Theory.

FLORENCE ROSS.
Instructor in Public School Music, and Normal Methods in Music.

NELL E. HARRIS, Mus. B.
Secretary.

Simpson College Conservatory of Music

THE purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

An intelligent interpretation of a great musical work can be given only by one who has the mental training which enables him to grasp the noblest thoughts of the great composers. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The Conservatory is situated in a pleasant college town, and because of its moderate size its faculty can meet the demands of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact, we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantages of school over private instruction are apparent. No matter what course be selected, the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building is a substantial structure of pressed brick. This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. In the building are teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the studentts for practice at a nominal fee. From observing the work of the students we find that those who

do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on an excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or voice, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for, and is one of our chief advantages, as we do not have to wait, and send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano, Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follow music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. A course in Public School Methods.

BEGINNERS.

From the inquiries that come to the Conservatory office it would seem many have formed the opinion that we accept only advanced pupils in the various lines of musical culture. This is an erroneous idea. While each year we receive an increasing number of advanced students, we also are especially pleased to take those who are just beginning their musical studies. Many who have taken up their studies here from the beginning have made unusual progress, as from the first they have had correct teaching and have not formed habits of careless practice and performance. Pupils of all grades are accepted and will find here instructors who will suit the instruction to their special needs.

COURSES LEADING TO DIPLOMAS AND CERTIFICATES.

Each one who wishes to meet the full requirements leading to the degree of Bachelor of Music must, before he can register as a Junior, obtain from the Registrar at the college office a written statement that his high school or academy grades have been accepted in the customary way as meeting the full requirements for admission to Simpson College (see pages 30-36) of this catalogue), or that he is then registered in classes which, on the completion of the work, will entitle him to the diploma which is awarded with the degree.

Each student beginning work with us with a view to graduation, should bring with him and take to the Registrar at the college office, a certificate of work done in high school, and, in case the high school is not on the accredited list of the North Central Association, bring with him also his laboratory note books and a list of text books used in the various classes. All adjustments with reference to credits should be attended to as early as possible in the Conservatory course. Those whose unit in science is not elementary physics will be required to study the physics of sound with the Academy class.

The theoretical requirements of the Conservatory for Courses II and III are as follows: Harmony, six terms; Counterpoint, three terms; Analysis, three terms; Musical History, three terms; Biography of Musicians, three terms; Ear Training, two terms. In addition to the theoretical requirements, it is also necessary to complete the required work in either voice, piano, violin or pipe organ. The length of time required to complete Courses II and III depends upon the ability of the pupil, and upon his concentration and industry. Few, however, are able to complete the work in less than four years.

The fee for the diploma is five dollars.

Those who may not wish to take the full course leading to the degree of Bachelor of Music are given the full advantages of the Conservatory and, on the completion of the theoretical requirements of the Conservatory as above outlined, are awarded the certificate of the Conservatory, indicating that the courses named have been completed. The fee for the certificate is three dollars.

Students who may be candidates for both the Bachelor of Arts and the Bachelor of Music degrees must elect additional hours, as the same work cannot be counted toward both degrees.

THE DEPARTMENT OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and diminished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3d Term. The suspension, retardation, anticipation, unessential notes, organ points, dissonances, harmonization of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double, triple and quadruple counterpoint.

3d Term. Counterpoint in five, six, seven and eight voices. Canon and Fugue.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette,-Scherzo, Suite. Canon and fugue. With examination of the works of the classical composers in all the above musical forms.

3d Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

SINGING.

The Conservatory has always stood for the most approved vocal methods. No effort is spared to provide the best instruction. Especial attention is given to the correct, natural and easy method of breathing, voice placing, precision of attack and enunciation. Careful attention is given to the special needs of the individual pupil and the course of study is to meet such needs. The instruction is based broadly upon the best methods of voice production, followed by the old Italian and modern French and German schools.

GLEE CLUBS.

Simpson College Glee Clubs are organized by the students of the Conservatory for the purpose of seriously studying the choral works of the best writers. In addition to home concerts the clubs have made many concert trips over the state. In every place where the clubs have appeared the unanimous opinion of press and public has been that the programs were both artistically selected and rendered. The personal conduct of the members has been such as to win numerous friends for the College.

Last summer the combined Glee Clubs made a most successful trip to the coast, appearing in such cities as McCook, Neb.; Denver, Colo.; Salt Lake City, Utah; Riverside, Santa Barbara and Long Beach, Cal.; Ashland, Roseburg and Portland, Ore., and Spokane, Wash. Many return dates were desired by the cities visited.

In addition to the concert trips made by the Glee Clubs during the past school year, the combined clubs, assisted by the Simpson Conservatory Orchestra, have given two of Gilbert and Sullivan's operas, "The Pirates of Penzance" and "The Mikado." This was new work for the clubs and was greatly enjoyed by them as well as by the audience who attended the several performances of both operas.

M. E. CHURCH CHOIR.

Mention should be made of the high-grade work done by the choir of the Methodist Episcopal Church. There are sixty-five voices, mostly from the Conservatory, under the direction of Professor Rhodes and with Professor Olive at the organ. This splendid chorus renders the highest type of sacred music each Sunday in an inspirational way.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow, arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced musical studies and such pieces as are suitable for public performance.

The study of Chamber music is taken up in this grade. Sonatas by old Italian masters, such as Veracini, Porpora, Corelli, Tartini, Nardini and many others, and master concertos by Bibe, Bach, Beethoven, Saint Saens, Bruch, Mendelssohn and Brahms are given serious study, which enables the pupil to become a thorough musician as well as a finished performer. The same advantages are given here in the Violin Department as in the large eastern Conservatories.

ORCHESTRA.

The Conservatory Orchestra has a membership of twenty-five. In addition to their regular work, they have furnished the accompaniments for the two operas given during the year. Through their regular rehearsals and concerts the members become familiar with the standard works for orchestra, and acquire a knowledge of practical instrumentation. The experience and drill under such an able conductor as Professor Harvey is of the greatest value, not only to those who wish to make orchestral playing or conducting a profession, but also to those who are to become soloists or instructors. Membership is open to all students of the Conservatory who have sufficient knowledge of any orchestral instrument to pursue the work profitably.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week through the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the North; the Troubadors; influence of the Church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extend throughout the year, one lesson per week.

PIANO.

COURSE I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces selected as are calculated to cultivate a pleasing musical touch. Committing to memory is insisted upon from the first of the course to its completion.

COURSE II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

COURSE III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform, and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes, most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals, and is able to follow the parts clearly, he takes up the easier compositions by Bach, and the more modern composers.

Training is given designed to prepare the pupil for teaching or for concert work.

DEPARTMENT OF PUBLIC SCHOOL MUSIC.

Attention is especially called to Course B, which is accredited by the State Board of Education.

Until within a few years music in the public schools was at an ebb. Little or no attention was paid to this great branch of education and refinement, but now all has been changed. It is one of the most encouraging signs of advancement that now positions for teachers of music in the public schools are open only to those who have had special and thorough training. In view of this fact two complete courses of training for this work are offered by Simpson Conservatory.

COURSE A. Covers one complete school year of special training.

REQUIREMENTS FOR COURSE A. Public School Methods, three terms. Vocal, three terms. Piano, three terms. Musical History and Biography of Musicians, three terms. Harmony, three terms. Ear training, two terms. Psychology, three terms.

COURSE B. Covers two years and is designed to equip the students for larger schools, and in consequence, higher salaries.

REQUIREMENTS FOR COURSE B. Public School Methods, six terms. Vocal, six terms. Piano, six terms. Musical History and Biography of Musicians, three terms. Harmony, six terms. Ear training, two terms. Psychology, six terms.

A diploma is granted to those who complete Course B and present either a diploma from an accredited high school, or a certificate of equivalent work. Fee for diploma, $3.00.

In addition to the diploma which is granted by Simpson College, the State Board of Education grants all those who complete Course B a certificate which allows them to teach music in the public schools of Iowa without further examination.

OUTLINE OF METHOD WORK.

1st Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch and rhythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of melody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rhythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

4th Term. Advanced methods. Practice teaching in the public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music, Choruses, Glee Clubs, sight singing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company; Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board, the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is largely observation *work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.*

TUITION.

Registration fee (required same as in College).			
Piano or Pipe Organ, Mr. Barrows	$28.00	$30.00	$16.00
Piano, Mr. Olive	28.00	30.00	16.00
Piano, Miss Heaton	19.60	21.00	11.20
Vocal, Mr. Rhodes	28.00	30.00	16.00
Vocal, Miss Finney	19.60	21.00	11.20
Public School Methods, Miss Ross	14.00	15.00	9.00
Violin or Cello, Mr. Harvey	19.60	21.00	11.20
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Musical History, Ear Training and Biography of Musicians	10.00	10.00	10.00
Piano rent, one hour a day per term	3.00	3.25	2.00
Pipe Organ rent, Conservatory Organ	4.00	4.00	4.00
Pipe Organ rent, Church Organ			
Music rent (required, each instrument or voice)	1.50	1.50	1.50

NOTE.—Special prices for Miss Heaton to pupils of Indianola Public Schools are: Fall Term, $14; Winter Term, $15; Spring Term, $8.

Students are expected to take two lessons per week in each branch pursued.

By special arrangement being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Rhodes or Mr. Olive	$1.25 per lesson
Of Mr. Harvey, Miss Heaton or Miss Finney	.80 per lesson

DISCOUNT. A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advance.

The study of two instruments and two branches of musical theory, or one instrument and voice, and two branches of musical theory, constitute "full music work."

School of Business

School of Business

GENERAL PURPOSES. The School of Business of Simpson College furnishes instruction in all departments of business education.

REQUIREMENTS FOR ADMISSION. Those who enter on the business course should have completed the common branches. Students deficient in these studies may enter the normal classes where, in connection with the methods of teaching, reviews of the grade school studies are given. Grades from high schools will be accepted as in the departments of the college.

COLLEGE CREDIT FOR COMMERCIAL STUDIES. In connection with the regular course, students who are candidates for the degree of Bachelor of Arts may elect the work in the School of Business for which College credit will be given. The fee for the combination course will be charged only when work amounting to more than three semester hours is elected. Credit is given in accordance with the following plan:

Group I—

Bookkeeping (Inductive Set).
Commerce and Transportation.
Business Correspondence.
Rapid Calculation.
Penmanship.
Credit for Group I, three hours.

Group II—

Bookkeeping (Advanced).
Commercial Law.
Penmanship.
Credit for Group II, three hours.

Group III—

Advanced Bookkeeping (Commission, Corporation, Banking).
Business Practice (four to six weeks).
Office Practice (six to eight weeks).
Penmanship.
Credit for Group III, four hours.
Total, ten hours.

DIPLOMA COURSE OF THE SCHOOL OF BUSINESS. This course will consist of the work of the School of Business and in addition thereto, three full years' work in an accredited high school, or in the Academy.

CERTIFICATE COURSE OF THE SCHOOL OF BUSINESS. This course consists of the work of the School of Business and the completion of the ordinary common school branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

THE BUSINESS COURSE. Rapid Calculation, Penmanship, Business Correspondence, Bookkeeping in all forms, both simple and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, Elementary Composition, Elocution, Commerce and Transportation and Economics.

TIME REQUIRED. The length of time required to complete either of the above courses will of necessity depend upon the previous preparation and ability of the student. We frequently receive students who complete either of the above courses in one year, others will require a longer period to do the work and properly prepare themselves for a successful business career.

BUSINESS WRITING. Neat, legible and rapid handwriting is a matter of the first importance in a business education. It is often the final and decisive matter in obtaining employment. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for those desiring to devote themselves exclusively to penmanship, especially as teachers of the art. The pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

METHOD OF TEACHING BOOKKEEPING. The pupil is taught the principles of Bookkeeping through the medium of sets so arranged that he is able to advance without difficulty. He is instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book. A student can begin the subject at any time, as he receives individual instruction in the work.

CORRESPONDENCE. Every Commercial student makes letter writing a special study, as the most delicate and complicated transactions are often required to be adjusted by letter. The great amount of business transacted through correspondence shows the importance of this subject. The work is offered the first semester.

RAPID CALCULATION is one of the most important branches taught in a business course. Quick and accurate calculation is one of the qualifications usually set forth by an employer. Drill in rapid calculation, including addition, subtraction, interest and discount, multiplication, the use of aliquot parts, division, quick methods of handling fractions, etc., are given in order that the student may become proficient in both speed and accuracy. Offered the first semester.

COMMERCE AND TRANSPORTATION. This study deals with the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library. The subject is offered the first semester.

COMMERCIAL LAW. The law of Contracts and Negotiable Paper, also the law governing Agencies, Partnerships, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments and Insurance. The subject is offered the second semester.

ELOCUTION. The aim of this course is to develop ease and naturalness in conversation and in public speaking. Faults in breathing, articulation and pronunciation are corrected in the first semester. In the second semester, practice is given in conversation and extemporaneous speaking. The course is required of all students who are not graduates of accredited high schools. The class meets one hour per week throughout the year.

ECONOMICS. A brief course intended to give a general practical knowledge of the economic laws governing the production and distribution of wealth. Offered the second semester.

ELEMENTARY COMPOSITION. This course is especially designed to give students thorough drill in the elements of spelling, grammar and composition. Some attention will be given to letter writing and to the general appreciation of good style. Offered during the second semester.

BUSINESS PRACTICE. Continues through the entire course. In connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practices. We have separate offices for a Wholesale House, a Bank, a Commercial

Exchange, and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms.

THE COLLEGE NATIONAL BANK is conducted on the principles of the national and private institutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists of buying and selling goods at wholesale, keeping a set of books, attending to correspondence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house.

TEXT BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES. The School of Business has many advantages over the ordinary business college which come from its connections with a first-class literary and scientific institution. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business. These advantages are considerable and add to the element of general culture. The moral surroundings of Indianola are unsurpassed, the expenses of living low and the tuition charged is less than in many places where similar training is offered.

TRAINING FOR COMMERCIAL TEACHERS. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character for her students. For several years there have been more applications for graduates to teach commercial branches than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such positions.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business receive the degree of Bachelor of Arts.

DIPLOMA COURSE. Those who complete the course in the School of Business and three full years' work in accredited high schools, or have done equivalent work in other schools, receive a Diploma. (Diploma fee, $3.00.)

CERTIFICATE COURSE. Those who complete the course in the School of Business and the common school branches receive a Certificate of graduation. (Certificate fee, $3.00.)

COLLEGE CREDIT. Students who have completed the Business Course will receive credit for ten semester hours for this work in the College of Liberal Arts.

EXPENSES.

Tuition in School of Business, per semester	$35.00
Semester fee, per semester	5.00
Gymnasium fee	1.00
College with commercial branches	35.00

One, two or three-hour course may be taken in the Business School by College students without the extra charge for combination course. But this is allowed only when the total number of hours for which the student is registered does not exceed 16.

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

The Department of Shorthand and Typewriting is a part of the School of Business. The work and instruction is largely individual. Students are admitted at any time and are not compelled to wait for the formation of classes in order to begin their work.

ENTRANCE REQUIREMENTS. The applicant for instruction in this department must have completed the work of the eighth grade and be able to produce passing grades in all the common branches.

TEXT BOOKS. The Gregg Shorthand Manual and Rational Touch Typewriting are used as text books. These books are used more than any other of the kind in America. In them thoroughness, accuracy and speed are worked out together and with admirable results. We have a great demand for people qualified to teach this work and especial attention is given to those who intend to devote themselves to teaching. The study of approved methods of teaching, and the handling of some of the work under the guidance of the teacher in charge, are some of the valuable features of this course.

Business Correspondence, Rapid Calculation, Penmanship and Spelling are a part of our course and are required of each pupil before he will be allowed to graduate. When the time of the student is entirely devoted to this course he should be able to complete it in the school year of thirty-six weeks.

TYPEWRITERS. The machines in use in the department are the Underwood and L. C. Smith. They are kept in good condition and the student is trained with the idea that accuracy is never to be sacrificed to speed. Touch Typewriting is taught exclusively. Each student is expected to devote two hours a day to the use of the machine during the entire course. Special attention is given to the transcribing of notes taken in the Shorthand class work.

GRADUATION. The student will be recommended for graduation when able to write Shorthand at the rate of one hundred words per minute for five consecutive minutes on new matter and re-read it; to operate the typewriter on new matter at the rate of fifty words per minute for ten consecutive minutes, work to be graded according to the International Rules for Typewriting; and to have passing grades in Business Correspondence, Spelling and Penmanship. It is our plan to give the student a thorough training in the work that he will be expected to take in the business office or will have to do in teaching.

EXPENSES. Tuition in Shorthand and Typewriting, $30.00. Use of typewriter for practice at rate of fifty cents per week.

COMBINED COURSES. Students who desire to add the work in Shorthand and Typewriting to the work of the College or School of Business will be charged tuition as follows per semester:

College or Business School with Shorthand and Typewriting	$35.00
Academy with Shorthand and Typewriting	30.00
College or Business School with either Shorthand or Typewriting	35.00
Academy with Shorthand	30.00

Summer School

THE Summer Session of Simpson College begins June 14, 1915, and continues for six weeks, closing July 23d. Summer work is offered by the School of Education, Conservatory of Music and School of Business.

PURPOSE.

In arranging the work of the summer school, the following persons have been kept specially in mind: 1st. Teachers who wish instruction in Agriculture, Domestic Science and Manual Training, in order that they may meet the requirements of the new school law; 2d, for teachers holding second and third grade certificates, who desire to improve their work and secure certificates of better grade; 3d, for those who have not yet taught, but who wish to secure the normal training now demanded of all who apply for teachers' certificates; 4th, for any who need a thorough review of the common branches in order to obtain an Eighth Grade diploma, or High School entrance credits; 5th, College students who wish to bring up conditions or to secure extra work toward their graduation.

A special Summer School Bulletin is issued showing the courses offered and other information concerning the Summer Session. This Bulletin will be mailed on request.

Classified List of Students Enrolled in College

Register of Students

DEGREES CONFERRED IN 1914.

Doctor of Divinity.

Rev. Elmer Wolford McDade, A. M.	Atlantic
Rev. Allen Abram Thompson, A. M	Chariton

Bachelor of Arts.

C. R. S. Anderson	Minburn
Walter Bardrick	Indianola
Ellen Boss	Indianola
Lee Butler	Indianola
Mabel Chase	Leon
Warren Dudley	Indianola
Warren Fleck	Indianola
Nelson Goodsell	Bedford
Margaret Grimes	Derby
Ruth Harp	Prairie City
Irene Harvey	Madrid
Berenice Haseltine	Grand Junction
Hazel Healey	Muscatine
Virgil Henderson	Des Moines
Anna Hunt	Los Angeles, Cal.
Olga Jobes	Atlantic
Vera Maxwell	Indianola
Una Moore	Indianola
Kate Nicholas	Thandaung, Burma
Howard Noble	Indianola
Anna Piffer	Indianola
Lulu Potts	Malvern
Ima Ruby	Indianola
Katherine Schimelfenig	Indianola
Mary Shaw	Indianola
Edwin Slocum	Indianola
Francene Smith	Winterset
Howard Sones	Indianola
Hugh Stephens	Lenox
Walter Stubbs	Riverton
Mary Thompson	Indianola
Grace Van Vlack	Atlantic
Grace Vollmar	Indianola
Dale Weeks	Indianola
Mary White	Indianola
Ray Wycoff	Indianola

GRADUATES FROM THE ACADEMY.

Florence Castle	Yorktown
Frank Haupert	Perry
Lorna Ingvoldstad	Colorado Springs, Colo.
Milford Lofstedt	Rippey
Laura Paulson	Valley Junction
Bessie Shore	Russell
Evelyn Sparks	Milo
Lulu Thurlow	Indianola
Frances Wadle	Milo

GRADUATES FROM THE SCHOOL OF BUSINESS.

Diploma Course.

Duncan Cuthbertson	Indianola
Wayne Ellis	Rippey
Archie R. Hill	Villisca
Merrill Manifold	Coin
Dean Manker	Elliott
Roy L. Miller	Indianola
D. R. Mitchell	Orillia
Ray Moats	Indianola
Dorothy Perry	Indianola
Hale Sill	Indianola
Rolla Trumbo	Indianola
Byron Stephen	Dow City

Certificate Course.

Woody Brewer	Yuba City, Cal.
Arthur Embree	Elliott
Walter Stevens	Des Moines

Certificate in Stenography.

Inez Crowe	Prole
Arthur Embree	Elliott
Mabel Lower	Indianola
Gail Maynard	Indianola

GRADUATES FROM THE CONSERVATORY OF MUSIC.

Certificate in Piano Course.

Eva Ambrose	Guide Rock, Neb.
Ruby Ticknor	Grand River

Diploma in Public School Music Course.

Muriel Barton	Indianola

Georgia Hurst	Leon
Edna Lane	Des Moines
Vera M. Merritt	Mt. Ayr
Susie Waechter	Indianola

Certificate in Public School Music.

Ethel Jenks	Tingley

HONORS.

Annual.

Fay Ford	Freshman	Guthrie Center
Paul McDade	Freshman	Atlantic
Lester Milligan	Freshman	Clarinda
Helen Scurr	Freshman	Glidden
Ernest Shaw	Sophomore	Indianola
Mary Shaw	Senior	Indianola
Marie Tinsley	Sophomore	Harlan
Dale Weeks	Senior	Indianola
Howard Wright	Sophomore	Indianola
Margaret Wright	Sophomore	Indianola

College.

Howard Noble	Indianola
Mary Shaw	Indianola

Departmental.

Dale Weeks	Chemistry	Indianola
Irene Harvey	English	Madrid
Grace Van Vlack	Latin	Atlantic
Mary Shaw	Philosophy	Indianola

STUDENTS REGISTERED SINCE COMMENCEMENT, 1914.

SENIORS.

(Completion of 85 semester hours required for classification as Senior.)

NAME.	MAJOR.	RESIDENCE.
Bates, Ruth	Latin	Indianola
Bradford, Mary	Chemistry	Milo
Bradshaw, Mary	Music	Indianola
Carter, Lucile	Music	Burlington Jct., Mo.
Chamberlin, Faye	English	Glenwood
Coffin, Jessie	English	Indianola
Crabbe, Eloise	English	Indianola
Dewey, Arthur O.	Philosophy	Murray
Dyke, John	History	Indianola
Ensley, Charles	History	Chariton
Ensley, George	Philosophy	Chariton
Fouts, W. Ross	Philosophy	Riverton
Fox, Alberta	Latin	Winterset

NAME.	MAJOR.	RESIDENCE.
Helsley, Charles	History	Denison
Hunnicutt, Hazel	Philosophy	Indianola
Hunnicutt, Pearl	Music	Indianola
Jones, Eleanor	English	Winterset
Kastner, Vada	German	Boone
King, Nina	English	Corydon
Lamb, Doris	German	Indianola
*Lippincott, Otus		Indianola
Lundy, Hugh	History	Indianola
Mitchell, Ena	Biology	Cainesville, Mo.
Morley, Ina	English	Bedford
Naylor, Douglas	English	Bagley
Peck, Harold	Physics	Indianola
Perley, Hazel	English	Indianola
Porterfield, Lois	English	Indianola
Pote, Lelah	English	Stuart
Rimel, Warden	Philosophy	Malvern
Ross, Florence	Music	Little Rock
Ruggles, Ethel	English	Des Moines
Saur, Theodore	Physics	Indianola
Schofield, Vera	Music	Carson
Spry, Marjory	English	Clarinda
Starks, Mary	English	Mitchellville
Stubbs, William	Chemistry	Riverton
Tennant, Lida	Latin	Dana
Weldin, Cleo	German	Indianola
Winslow, Marie	Latin	Indianola
Wright, Winifred	Music	Denison

*A. B. Degree conferred February 1, 1915.

JUNIORS.

(Completion of 54 semester hours required for classification as Junior.)

Adams, Arthur	Philosophy	Indianola
Agan, Norma	English	Glenwood
Anderson, Enoch	Mathematics	Indianola
Barker, Edith	English	Indianola
Blattenberg, Clare	Physics	Indianola
Braucht, Repha	English	Indianola
Burgess, William	Philosophy	Indianola
Crabbe, Amy	Latin	Indianola
Dunn, Max	Chemistry	Milo
Erwin, Ruth	Music	Indianola
Falls, Orr	Biology	Diagonal
Fish, Clarence	Mathematics	Cambridge
Hammers, Amy	German	Malvern
Harris, Earl B.	English	Gravity
Hastie, Helen	Mathematics	Indianola
Ingvoldstad, Fred	Philosophy	Indianola
King, Regna	German	Corydon
Long, Bessie	German	Mt. Ayr
Lyman, Ethel	Music	Nevada
McClure, Gretchen	English	Indianola
McGriff, Jennie	English	Carlisle

NAME.	MAJOR.	RESIDENCE.
McKay, Lottie	English	Altoona
Mapes, Harold	Mathematics	Hancock
Matthews, Helen	Latin	Guthrie Center
May, William	Mathematics	Mt. Ayr
Merritt, Vesta	German	Mt. Ayr
Mitchell, Ella	English	Orillia
Moats, Harlan	Chemistry	Villisca
Noble, Ernest	Chemistry	Indianola
Pickard, Clarence	Philosophy	Indianola
Pickard, Fannie	English	Indianola
Reid, Alice	Music	Bedford
Roberts, Mae	Biology	Boone
Rundberg, Donald	English	Yale
Samson, Emory	Philosophy	Des Moines
Shaw, Ernest	Mathematics	Indianola
Simmers, John F.	Philosophy	Indianola
Smith, Harry	Physics	Hancock
Spaulding, Louisiana	Music	Long Beach, Calif.
Stewart, Emile	History	Ingomar, Mont.
Stone, Hurford	History	Indianola
Thompson, Ruth	German	Indianola
Thornley, Charlotte	English	Perry
Tinsley, Marie	English	Harlan
Williams, Hazel	Music	Indianola
Wolfe, Edward	Philosophy	Harper
Wright, Margaret	German	Indianola

SOPHOMORES.

(All Entrance Deficiencies removed and the completion of 23 semester hours required for classification as Sophomore.)

Anderson, Aural	Indianola
Anderson, Dorothe	Clarinda
Anderson, Helen	West Liberty
Baker, Florence	Corning
Barborka, Clifford	Denison
Barker, Clare	Indianola
Bates, Grace	Indianola
Bellman, Edna	Indianola
Benway, Belle	Kellerton
Bingaman, Orion	Riceton, Sask., Can.
Boss, Elsie	Indianola
Brewer, Ralph	Indianola
Butterfield, Mary	Indianola
Buxton, Ruth	Indianola
Childs, Gladys	Lenox
Clarke, Olive	Indianola
Coryell, Rex	Indianola
Crabbe, Ernest	Indianola
Daft, Glenn	Griswold
Dryden, Grace	Stockton, Kan.
Dudley, Harold	Indianola
Edwards, Iva	Griswold
Feldtmose, Peter	Indianola

Fleetwood, Willis	Wayne, Neb.
Galvin, Mabel	Walnut
Gard, Ethel	Grand River
Grant, Arthur	Diagonal
Graves, Harold	Woodbine
Griffith, Arthur	Des Moines
Helsley, Marie	Denison
Henry, Harry	Van Meter
Holmes, Kenneth	Corydon
Honnold, Junia	Indianola
Jones, Louise	Denison
Jones, Marcus	Denison
Karr, Anna	Indianola
Kennedy, Mildred	Nodaway
Kern, Herman	Norwalk
Kern, Louise	Norwalk
King, Elizabeth	Corydon
Kinrade, Charles	Indianola
Le Gore, Paul	Jefferson
Lillie, Alta	Indianola
McDade, Paul	Atlantic
Manning, Evelyn	Carlisle
Martin, Claude	Osawattamie, Kan.
Martin, Elsie	Indianola
Merritt, Vera L.	Glidden
Miller, Adeline	Indianola
Miller, Edna	Norwalk
Miller, Ruby	Knoxville
Millhone, Paul	Clarinda
Milligan, Lester	Clarinda
Mitchell, D. R.	Orillia
Moore, Ruby	Indianola
Mott, Mildred	Marengo
Murphy, Minnie	Indianola
Nevius, Carl	Bedford
Noble, Bessie	Indianola
Orr, Carl	Indianola
Painter, Maude	Lewis
Peasley, Harold	Indianola
Pennington, Will A.	Albia
Perry, Harriet	Indianola
Phillips, Phyllis	Indianola
Porterfield, Dorothea	Indianola
Pote, Harold	Stuart
Rosenberger, Elva	Guthrie Center
Rowe, Paul	Glenwood
Rusk, Helen	Villisca
Sayre, Raymond	Indianola
Schmidt, Merna	Hancock
Scurr, Helen	Glidden
Seibold, Faith	Danbury
Shaw, Gladys	Indianola
Silliman, Doris	Winterset
Smith, Howard	Indianola

Tysseling, Lucile	Knoxville
Vinall, Jessie	Indianola
Warren, Harold	Indianola
Williams, Solon	Indianola
Wright, Howard	Indianola
Young, J. Wesley	Greenfield

FRESHMEN.

Allyn, Georgia	Mt. Ayr
Applegate, Lulu	Guthrie Center
Aronhalt, Ralph	Clearfield
Aten, Ruby	Linden
Baker, Alice	Corning
Banner, Mamie	Shenandoah
Barnes, Fermor	Knoxville
Bates, Paul	Indianola
Beebe, Frank	Harlan
Billings, Elmer	Riverton
Bone, Carl	Indianola
Borene, Dora	Malvern
Brown, Paul	Indianola
Burdette, Gladys	Humeston
Burns, Loyd	Osceola
Butler, Ralph	Indianola
Carpenter, Leota	Scranton
Castle, Florence	Yorktown
Chambers, Pauline	Grand Junction
Clarke, Carl	Indianola
Cole, Bruce	Clarinda
Coleman, Pauline	Farragut
Cunningham, Fenner	Allerton
Currier, Florence	Indianola
Davis, Hortense	Dunlap
Dye, Homer	Tampa, Fla.
Fichter, Edna	Randolph
Flesher, Merrill	Indianola
Fudge, Gladys	Atlantic
Gier, Nellie	Indianola
Grace, Mabel	Diagonal
Griffith, Margaret	Des Moines
Hardy, Neva	Winterset
Harned, Joyce	Indianola
Harvey, Clarence	Altoona
Haupert, Frank	Perry
Havely, Porter	Kellerton
Hiatt, Josephine	Ackworth
Hill, Archie R.	Villisca
Horn, Katherine	Leon
Hughes, John D.	Berwyn, Ill.
Hull, Harry	Redding
Jackson, Harold	Indianola
Jackson, Ruth	Indianola
Jacobson, Julia	Council Bluffs

James, Helen	Durham
Johnson, Ross	Red Oak
Jones, Marshall	Denison
Kaessner, Carl	Omaha, Neb.
Keeney, Foss	Indianola
Kelley, William	Mt. Ayr
Knapp, Berenice	Hamburg
Knight, Marian	Woodbine
Kraus, Alice	Manning
Kringel, Lily	Atlantic
Larson, Florence	Cambridge
Lewis, Norma	Atlantic
Lillie, Lenice	Indianola
Lippincott, Fern	Indianola
Lisle, Harold	Panora
Lundy, Helen	Indianola
Lofsted, Milford	Rippey
McAdoo, Frances	Indianola
McAllister, Merle	Indianola
McClaren, Marie	Decatur City
Mackoy, Ola	Riverton
Malony, Will N.	Red Oak
Marshall, Irl	Coffeyville, Kan.
Merritt, Gladys	Mt. Ayr
Miller, Hortense	Manila
Miller, Justin	Fontanelle
Miller, Roy	Indianola
Miller, Ruth	Knoxville
Moats, Ray	Indianola
Moffett, Faye	Clearfield
Morlan, Everett	Indianola
Morlan, Merritt	Indianola
Morley, Alice	Indianola
Nelson, Merrill	Indianola
Owens, George	Sand Springs, Mont.
Parks, Kenneth	Council Bluffs
Peddicord, Esther	Perry
Pendry, Louis	Indianola
Perry, Dorothy	Indianola
Pickard, Wayne	Indianola
Prall, Arthur	Carlisle
Rea, Everett	Corydon
Replogle, Leland	Red Oak
Ridgway, Zell	Red Oak
Roberts, Carl	Boone
Rood, Edna	Clearfield
Rowley, Kenneth	Adair
Roy, Uva	Farragut
Ruby, Everett	Indianola
Rundberg, Lyle	Yale
Rush, Mae	Indianola
Samson, Mary	Indianola
Sells, Marion	Indianola
Shaw, Ethel	Indianola

Sill, Hale	Indianola
Simons, Victor	Comanche
Smith, Leathe	Indianola
Snow, Estelle	Dexter, N. Mex.
Sparks, Zella M.	Sweet Springs, Mo.
Spence, Foster	Harlan
Spry, Estelle	Clarinda
Stanton, Sarah	Chariton
Sterrett, Irene	Boone
Sterrett, Lillian	Boone
Stewart, Harrell	Chariton
Tilley, Ada	Indianola
Tinsley, Genevieve	Harlan
Traub, Abram	Indianola
Trumbo, Harmon	Indianola
Van Syoc, Lorey	Milo
Wadle, Frances	Milo
Wailes, Helen	Davis City
Warren, Franklin	Indianola
Weldin, Clyde	Indianola
White, Owen	Indianola
Whiting, Helen	Waukee
Willis, Carol	Red Oak
Wilt, Harold	Lenox
Wonderlich, George	Logan
Wright, Helen	Indianola
Wright, Joseph	Chariton
Wright, William H.	Seymour
Young, Kathryn	Sac City

ACADEMY.

FOURTH YEAR.

Anderson, Merrill	New Market
Anderson, Neil	De Soto
Armstrong, John E.	Indianola
Bowen, Cleota	Blockton
Bracewell, A. M.	Indianola
Catron, Pearl	Bozeman, Mont.
Conner, Cloyd	Derby
Edie, Ray	Emerson
Finney, Nellaby	Des Moines
Fisher, Geneva	Van Meter
Freel, Lenola	Pleasantville
Gribben, Lynette	Minburn
Gustin, Winnie	Hastings
Hadder, Rachel	Mitchellville
Halloway, Edith	Churdan
Heaton, Lois	Shannon City
Johnson, Myrtle	Gowrie
Lane, Clayton	Indianola
McIntosh, Sidney	Council Bluffs
Malony, George	Red Oak
Miller, Paul	Manila

Montague, Raymond	Northboro
Morris, Lena	Derby
Morris, Sydney	Indianola
Perley, Ernest	Indianola
Richards, Nettie	Pleasantville
Sharp, Zelda	Blockton
Young, Gladys	Indianola

THIRD YEAR.

Caldow, Jessie	Decatur
Cleveland, Carl	Milo
Derr, Henry	Promise City
Easley, Warren	Promise City
McKinley, Merlie	Promise City
Nielsen, Andrew	Indianola
Owens, Richard	Council Bluffs
Riggle, Mardell	Truro
Sell, Lucy	Truro
Stump, G. Webb	Melrose

UNDER THIRD YEAR.

Allen, Ruth E.	Russell
Banks, Cecil	Indianola
Barlow, Gladys	Diagonal
Blauer, Jesse	Mt. Ayr
Campbell, Isa	Ackworth
Cree, Gladys	Luther
Davis, G. Bryant	Fontanelle
Givan, C. Dell	Hebron
Hamilton, Benjamin F.	Red Oak
Hamilton, Florence	Red Oak
Helzer, Clifford	Graham, Mo.
Henry, Arthur	Indianola
Morris, Bert	Carlisle
Newman, Floyd	Adair
Newman, Mary	Adair
Peters, Dorothea	Menlo
Phillips, Ada	Indianola
Read, Joy	Indianola
Robbins, Opal	Breckenridge, Mo.
Sandy, Golda	Milo
Shore, Chester	Russell
Smith, Margaret	Madrid
Stanton, Jessie	Chariton
Stephens, Walter	Des Moines
Steward, Elsie	Perry
Swisher, Gertrude	Nodaway
Tennant, Joyce	Dana
Utterson, Cecile	Somerset
Wiedmann, Marie	Indianola
Woods, Dorcie	Diagonal
Wolverton, Mona	Indianola

SPECIAL STUDENTS.

Armstrong, Florence	Indianola
Bramhall, Vivian	Indianola
Braucht, Ferris	Indianola
Briggs, Leo	Indianola
Bumgardner, Wilbert	Indianola
Butler, Ruby	Indianola
Campbell, Lysle	Ackworth
Clark, Earl	Indianola
Cline, Orlin	Indianola
Connoran, Irene	Indianola
Darnell, Harry	Indianola
Davis, Bryan	Indianola
Dashiell, Mrs. D. M.	Indianola
Flesher, Warren	Indianola
Frank, Walter	Indianola
Goodale, Bessie	Indianola
Goodale, Pearl	Indianola
Halderman, Bruce	Indianola
Haworth, Cecil	Indianola
Howser, Jessie	Indianola
Johnson, Mildred	Indianola
Judkins, Kathryne	Indianola
Kent, Edna	Indianola
Kent, Gage	Indianola
Kent, Ruth	Indianola
Labertew, Corena	Indianola
Lippincott, Iru	Indianola
McGee, Ralph	Indianola
McKnight, Isadora	Indianola
McNeer, Vivian	Indianola
McNeil, Katherine	Indianola
Marsh, Mildred	Indianola
Martin, Vera	Indianola
Noble, Elwood	Indianola
Peck, Marian	Indianola
Piffer, Frank	Indianola
Seay, Winifred	Indianola
Shaw, Donald	Indianola
Sheppard, Clyde	Indianola
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Sones, Howard	Indianola
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Hull, Harry	Redding
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Lambley, Harry	Conway
Le Gore, Paul	Jefferson
Le Vahn, Myrtle	Orient
Lippincott, Otus	Indianola
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Malony, George	Red Oak
Martin, Claude	Osawattamie, Kan.
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Miller, Ruby	Knoxville
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Moore, Ruby	Indianola
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Morlan, Merritt	Indianola
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Orr, Ina	Lorimor
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Perry, Dorothy	Indianola

Pickard, Clarence	Indianola
Pickard, Wayne	Indianola
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Prather, Asel	Indianola
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Farlow, Ruby	Indianola
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Hallowell, Vera	Melcher
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Hopper, Dorothy	Indianola
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Malony, Will N.	Red Oak
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Phillips, Clara	Indianola
Phillips, Phyllis	Indianola
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Pote, Lelah	Stuart
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Scroggs, Richard	Indianola
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Shaw, Stuart	Indianola
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Shular, Gladys	Indianola
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Slocum, Vera	Indianola
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Smith, Florence	Indianola
Smith, Frances	Indianola
Smith, Gladys	Indianola
Smith, Grace	Indianola
Smith, Harry	Hancock
Smith, Howard	Indianola
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Weir, Mary	Indianola
Weir, Richard	Indianola
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White, Juanita	Indianola
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Williams, Hazel	Indianola
Williams, Solon	Indianola
Willis, Carol	Red Oak
Wilson, Arthur	Indianola
Wilt, Harold	Lenox
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Wolverton, Mona	Indianola
Wolverton, Pauline	Indianola
Wolverton, T. J.	Indianola
Wright, Winifred	Denison

Young, J. Wesley	Greenfield
Young, Kathryn	Sac City

SUMMER SCHOOL, ALL DEPARTMENTS.

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Alkire, Nellie	Avon
Anderson, Clarice	Perry
Anderson, Hilma	Perry
Askey, Edith	Indianola
Bales, Icle	Indianola
Braucht, Repha	Indianola
Brewer, Woody	Yuba City, Cal.
Brown, Louise	Indianola
Cairnes, Leta	Indianola
Clarke, Carl	Indianola
Clark, Olive	Indianola
Coryell, Rex	Indianola
Crow, Esther	Norwalk
Cuthbertson, Duncan	Indianola
Cuthbertson, Margaret	Indianola
Downing, Winifred	Milo
Dunn, Rex	Milo
Dyer, Ruth	Indianola
Farlow, Rosa	Indianola
Farlow, Ruby	Indianola
Flesher, Wilma	Indianola
Flesher, Elsie	Indianola
Gates, Roena	Norwalk
Graham, Lela	Indianola
Harned, Rachel	Indianola
Hess, Verna	Indianola
Hiatt, Josephine	Ackworth
Hicks, Hope	Chariton
Hill, Lorena	Indianola
Hodgin, Myrtle	Ackworth
Hollingsworth, Marie	Milo
Hopper, Byron	Indianola
Huckaby, Marie	New Virginia
Judkins, Kathryn	Indianola
Kaessner, Carl	Omaha, Neb.
Kennedy, Harriet	Indianola
Kennedy, Lillian	Indianola
Krutsinger, Mayme	Lacona
Lillie, Alta	Indianola
Lisby, Clara	Indianola
Long, Harry	Grant City, Mo.
Lyon, Thelma	Indianola
McElroy, Helen	Indianola
McGee, Edith	New Virginia
McLain, Lottie	New Virginia
McNeer, Vivian	Indianola
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Marsh, Esther	Indianola

Martin, Elsie	Indianola
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Miller, Roy	Indianola
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Millslagle, Stella	St. Charles
Mitchell, D. R.	Orillia
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Morrison, Eleanor	Indianola
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Nichol, Eloise	Indianola
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Noble, Anna	Indianola
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Perry, Dorothy	Indianola
Peterson, Mirma	Indianola
Phillips, Ada	Indianola
Phillips, Phyllis	Indianola
Porterfield, Dorothea	Indianola
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Rush, Mae	Indianola
Shackleford, Esther	Indianola
Schimelfenig, Margaret	Indianola
Schrier, Edna Mae	Indianola
Shannon, Leander	St. Charles
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Smith, Ralph	Indianola
Stephens, Walter	Des Moines
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Swartzlander, Guy	Indianola
Thompson, Ruth	Indianola
Thurlow, Lulu	Leslie
Townsend, Walter B.	Indianola
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Van Patten, Ethel	Indianola
Van Tress, Edna	Indianola
Watson, Julia	Indianola
Weingart, Gladys	Scotch Ridge
Wolverton, Mona	Indianola
Wolverton, Pauline	Indianola
Wolverton, T. J.	Indianola
Worth, Josephine	Indianola
Yarnall, Mamie	Indianola
Young, Gladys	Indianola
Younker, Olive	Ackworth
Younker, Virginia	Indianola

Summary

COLLEGE OF LIBERAL ARTS.

Seniors	41	
Juniors	47	
Sophomores	83	
Freshmen	128	299

THE ACADEMY.

Fourth Year	28	
Third Year	10	
Below Third Year	31	69

OTHER DEPARTMENTS.

Specials	45	
School of Business	78	
Conservatory of Music	195	
Summer School, 1914	99	417
Grand Total		785
Counted More Than Once		169
Net Total		616

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H
5-16

Sixteenth Series QUARTERLY BULLETIN Number 4

CATALOGUE

OF

SIMPSON COLLEGE

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

PUBLISHED BY THE COLLEGE
INDIANOLA, IOWA
1916

[illegible]
[illegible]

Quarterly Bulletin

OF SIMPSON COLLEGE

Series 17 **APRIL, 1916** **No 4.**

Published by the College in the months of December, February, April and May of the college year. Entered at the Postoffice at Indianola, Iowa, as second-class matter.

The Catalogue

1916 - 1917

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1. *College of Liberal Arts*
   2. *Academy*
      3. *Conservatory of Music*
         4. *School of Business*
            5. *Normal Course*

ERRATA

On page 5—
For Rev. E. W. McDade, read Rev. M. R. Talley.

On page 10 and on page 77, insert—
C. Bert Gose, Instructor in Science and Agriculture.

On page 41, Biology Group—
Insert Geology, 4 hours.

INDIANOLA, IOWA

Quarterly Bulletin

OF SIMPSON COLLEGE

Series 17 APRIL, 1916 No 4.

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The Catalogue

1916 - 1917

1. *College of Liberal Arts*
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4. *School of Business*
5. *Normal Course*
5. *School of Home Economics*

INDIANOLA, IOWA

Calendar of College Events

1916-1917

1916

April 20	Thursday, 4:25 P. M., Easter Recess begins.
April 25	Tuesday, 8:00 A. M., Easter Recess ends.
June 4	Sunday, Baccalaureate Sermon.
June 4	Sunday, College Vesper Service.
June 6	Tuesday, Class Day.
June 7	Wednesday, Alumni Day.
June 8	Thursday, Forty-ninth Annual Commencement.
June 12	Monday, Summer School Begins.
Sept. 18	Monday, Registration begins.
Sept. 19	Tuesday, 8:00 P. M., Convocation.
Sept. 20	Wednesday, Classes begin.
Sept. 23	Entrance Examinations.
Oct. 26	Thursday, College Missionary Day.
Nov. 29	Wednesday, 4:25 P. M., Thanksgiving Recess begins.
Dec. 5	Tuesday, 8:00 A. M., Thanksgiving Recess ends.
Dec. 22	Friday, 4:25 P. M., Holiday Recess begins.

1917

Jan. 3	Wednesday, 8:00 A. M., Holiday Recess ends.
Jan. 23	to 25, Mid-Year Examinations.
Jan. 29	Monday, Registration.
Jan. 29	Monday, 8:00 P. M., Winter Convocation.
Jan. 30	Tuesday, 8:00 A. M., Classes begin.
Feb. 8	Thursday, Day of Prayer.
April 5	Thursday, Easter Recess begins.
April 10	Tuesday, Easter Recess ends.
June 3	Sunday, 10:45 A. M., Baccalaureate Service.
June 3	Sunday, 4:30 P. M., College Vesper Service.
June 5	Tuesday, Class Day.
June 6	Wednesday, Alumni Day.
June 7	Thursday, Fiftieth Annual Commencement.

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TREASURER	CLYDE PROUDFOOT

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REV. E. M. HOLMES	Corydon
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J. A. BROWN	Chariton

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Vacant During Year 1915-16.

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B. S., Iowa State College, 1882.
S. T. B., Garrett Biblical Institute, 1886.
D. D., Garrett Biblical Institute, 1912.

605 North B Street.

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Professor of Philosophy (Emeritus).

Acting President during year 1915-16.

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Professor of Geology and Physics.

A. B., Wesleyan University, Middletown, Conn., 1885.
Graduate Student and Assistant, 1886-8. A. M. 1888.
Graduate Student in Geology, Harvard University, 1894-5. A. M., 1895.
Fellow in Geology at The University of Chicago, 1902-3. Ph. D., 1910.

405 North B Street.

JOANNA BAKER, A. M.

Professor of Greek Language and Literature, Associate Professor of Latin.

A. B., Cornell College, 1882.
A. M., DePau University, 1889.
A. M., The University of Chicago, 1903.

411 North B Street.

E. L. MILLER, B. C. S.

Principal of School of Business.

B. C. S., Tri-State Normal School.

210 West Iowa Avenue.

FRANK E. BARROWS.

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Graduate Oberlin Conservatory of Music.
Student of Music, Berlin, Germany.

301 North Howard Street.

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G. E. Carpenter Professor of Latin Language and Literature. (Chair endowed by Mr. and Mrs. Harry E. Hopper.)

A. B., Alma College, 1893.
A. M., University of Michigan, 1902.

508 North A Street.

EDWIN A. JENNER, A. M.

Professor of Biology.

B. S., Simpson College, 1903.
Graduate Student University of Iowa, 1904-05.
Fellow in University of Wisconsin, 1906-07.
A. M., University of Wisconsin, 1907.

Corner Detroit and North C Street.

J. ALLEN BAKER, M. S.

Professor of Chemistry.

B. S., Denison University, 1907.
M. S., Ibid, 1908.

1001 North B Street.

HILDEGARDE JEND, A. M.

Professor of German Language and Literature.

A. B., German Wallace College.
A. M., University of Michigan.
Bottinger Studien Haus, Berlin, 1914.

CLYDE W. EMMONS, A. M.

Professor of Mathematics and Astronomy.

A. B., Albion College, 1903.
A. M., University of Illinois, 1909.
Graduate Student University of Illinois, 1909-10.

1001 North B Street.

JOHN P. MORLEY, S. T. B., A. M., Ph. D.

Wm. Buxton Professor of Philosophy.

(Chair endowed by Wm. Buxton)

A. B., Simpson College, 1893.
A. M. Simpson College, 1895.
S. T. B., Garrett Biblical Institute, 1895.
Graduate Student Harvard University, 1900-01.
Ph. D., Boston University, 1902.

501 West Ashland Avenue.

AUBREY W. GOODENOUGH, A. M.

Professor of English Literature.

A. B., Oberlin College.
A. M., Yale University.

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A. M., University of Wisconsin.

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A. B., Northwestern University.
B. D., Garrett Biblical Institute.
Ph. D., University of Jena, Germany.
1895-01, Prof. Ethics and History of Education in New York University.
1902-04, Principal State Normal School, Clarion, Pa.
1904-05, Honorary Fellow, Clark University, Mass.
1905-1914, Prof. Education and Psychology, Dakota Wesleyan University.

FLORENCE HIER, A. B.

Professor of French Language and Literature.

A. B., Mount, Holyoke College.
Teachers' College, University of Cincinnati, 1911-12.
Alliance Francaise, Paris, Summer 1912.
Graduate Student University of Paris, 1912-13.

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B. S. in Home Economics, Iowa State College, 1914.

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B. S. Ohio Wesleyan University.
B. O. Cumnock School of Oratory, 1912.

CLARA F. CHASSELL, A. M.

Assistant Professor of English Literature.

A. B. Cornell College, 1912.
M. Di.,Iowa State Teachers College, 1913.
A. M., Northwestern University, 1914.

GRACE BEAM, A. B.

Principal of the Academy and Instructor in Mathematics and History.

INSTRUCTORS

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Instructor in Normal Methods.

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Instructor in Piano and Harmony.
Simpson College Conservatory of Music, and Berlin, Germany.

PERSIS HEATON, Mus. B.
Instructor in Piano.

HERBERT A. HARVEY.
Instructor in Violin.
Graduate Adolph Hahn School of Violin Playing, Cincinnati, Ohio.

ELLIS M. RHODES.
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Student of Voice in Berlin, and under Breda, Milan Italy.

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Instructor in Voice.

W. A. LARIMER.
Instructor in Stenography and Typewriting.

JOHN ARMSTRONG.
Instructor in Mechanical Drawing.

DORIS LAMB
Instructor in Drawing.

HAROLD PEMBLE
Instructor in Physical Culture.

OTHER OFFICERS

MAIDE BAKER, A. B.
College Librarian.

JOSEPHINE McCLEARY, Ph. M.
Associate Librarian.

NELL E. HARRIS, Mus. B.
Secretary of the Conservatory.

HELEN SHULTZ
Office Secretary.

Historical Sketch

SIMPSON COLLEGE is the result of a steady growth through many difficulties from a small beginning. The men who early settled Indianola and its vicinity were dominated by a few progressive and sincere souls, who placed a high estimate on the value of a Christian education. When the town was only five years old the citizens, by private subscription, erected a small school building two blocks east of the square. In this for some time was conducted a public and private school. In 1860, when Indianola was eleven years old, the first session of the Western Iowa conference, the territory of which was later divided to the Des Moines and Northwest Iowa conferences, was held at Indianola, and we learn that at that session, in response to a petition from the town, the conference agreed to adopt the Indianola seminary as the conference seminary as soon as Indianola should erect and pay for a suitable building to cost not less than $3,000. During the ensuing year the citizens erected "Old Blue Bird" at a cost of $4,300, and the conference accordingly assumed the management and the responsibility of the same, and christened in "The Des Moines Conference Male and Female Seminary," under the load of which name the little school triumphantly struggled. The site of Old Blue Bird was on the southwest quarter of the campus, just east of the Carnegie Library building. The campus included one block, about one-fourth of its present area.

The first principal was E. W. Gray, who was followed in turn by E. H. Winans, Orlando H. Baker and S. M. Vernon. The last assumed his duties in the fallof1866, by which time the seminary had shown a vigorous growth and the need of a college became apparent. In 1867 the conference raised the school to the college grade, retained Dr. Vernon as president, and gave the new institution the name of "Simpson Centenary College," in honor of Bishop Matthew Simpson and of the centennial of American Methodism, which occurred that year.

In June, 1867, the people of Indianola assumed the responsibility for the erection of a suitable college building, and raised $17,500 for the construction of the present chapel. Because of the failure of the contractor they eventually paid much more. Litigation grew out of the failure and with it the college debt began. Nevertheless the school grew in attendance and usefulness, and a good foundation for an endowment was provided. Then came the crash of 1873. Half the pledges became worthless because of the inability of the donors to meet the payments.

Dr. Vernon had resigned in the spring of 1868 and W. E. Hamilton, a graduate of Iowa Wesleyan, then professor of mathematics, was made acting president for the remainder of the year. At the beginning of the fall term, 1868, Dr. Alexander Burns, a graduate of Queen's College, Canada, assumed the duties of president and remained ten years, when he resigned to become president of the Woman's College of Hamilton, Ontario.

Following Dr. Burns, Rev. T. S. Berry, an alumnus of Northwestern University and Garrett Biblical Institute, was elected president. The attendance had been growing. The needs of the school were consequently larger and the expenses had been increasing. Times had been hard for several years and in the spring of 1879 it looked as if the college might have to close its doors for want of funds. The president offered to give the senior class certificates of standing that would enable them to complete their work and receive their degrees from other institutions, but the class loyalty stood by the college. At commencement time the citizens of Indianola raised $6,000 to pay off the mortgage on the property and the college lived. From that time the conditions have improved. For much of the time the growth was slow, but it was substantial.

President Berry died in February, 1880. In the spring of the same pear, Dr. Edward L. Parks, a graduate of Northwestern, succeeded him, and remained till 1886, when he resigned to accept the chair of Systematic Theology in Gammon Theological Seminary at Atlanta, Ga.

The next president was W. E. Hamilton, who has been closely connected with Simpson through all its history. During his incumbency Science Hall was erected, inaugurating a period of growth and expansion. Dr. Hamilton resigned to enter the pastorate in 1889 and E. M. Holmes, class of '80, at that time professor of Greek, was elected president. He remained till 1893, when he desired to return to the pastorate, and Fletcher Brown, class of '77, was raised from the vice-presidency to the presidency, where he remained until 1898. In that year Rev. J. B. Harris, then pastor at Indianola, was elected to the presidency and served one year, when he was succeeded by Charles Eldred Shelton, an alumnus of Iowa Wesleyan, who remained eleven years, a longer term than any other president. Upon the retirement of Dr. Shelton in June, 1910, Francis L. Strickland was elected, who served until June, 1915. During his administration the faculty was strengthened in the employment of several additional professors and instructors. A fine gymnasium costing $95,000 was added to the equipment through the generosity of Mr. Harry Hopper. The library and laboratories received substantial additions.

The tireless efforts of Vice-President Dudley to increase the permanent fund, culminated in a whirlwind campaign in October to December, 1915. in which the addition of $300,000 to endowment and equipment was completed.

General Information

LOCATION.

SIMPSON COLLEGE is located at Indianola, Warren county, Iowa. The town has about 4,000 inhabitants. There are modern improvements, such as waterworks and electric power plant, and sewerage system. Indianola has had no saloons for many years as a result it is an unusually clean town. There are few towns in the state that are as free from low attractions and allurements to vice. It is twenty miles from Des Moines. Six trains a day each way on the Rock Island railroad make it easy of access from the Capital. The Chicago, Burlington & Quincy also connects Indianola with its great system at Chariton on the south.

THE GROUNDS AND BUILDINGS

The campus comprises about ten acres, a part of it wooded with venerable maples. There are eight buildings and the central heating plant. The old main building contains the chapel and a number of recitation rooms, and the halls of the literary societies. The Science hall accomodates the laboratories and lecture rooms of the earth sciences, physics, chemistry and biology, and also the department of mathematics. In the Administration building are the college office, and the offices of the president and registrar, besides recitation rooms. The Carnegie library furnishes a well-equipped reading room, besides the usual library alcoves. Mary Berry Hall is the women's dormitory. The Hopper gymnasium is on North C street and faces the campus. The building of the Conservatory of Music stands at the northeast corner of the campus. A neat stucco building is provided for the work in Home Economics. The College maintains its own water system. These buildings are connected by cement walks and the campus is well lighted by electroliers.

THE LIBRARY

The library is housed in a substantial brick building which was given to the college in 1905 by Mr. Andrew Carnegie.

It provides a reading room, alcoves, stack rooms and a small auditorium, known as Oratory Hall. The library contains nine thousand volumes carefully selected with reference to college work. The books are classified according to the most approved library methods.

A large number of the best periodicals are regularly received.

The library is open from 8:00 A. M. to 9:00 P. M.

THE MUSEUM.

There is a small museum containing the following: Collections of characteristic rocks and fossils arranged in the order of the strata; a collection illustrating Dynamical and Structural Geology; a collection of the principal kinds of minerals; a zoological collection representing all the Classes, from the lowest to the highest, including a collection of marine invertebrates, supplied by the United States Fish Commission; and a botanical collection embracing an herbarium of the principal plants of this region.

THE BIOLOGICAL LABORATORY

The biological laboratory occupies a room at the east end of the lower floor of Science Hall. The desks for the classes in zoology and botany are of modern design, each fitted out with locker and drawers for the convenience of the student. At present the laboratory furnishes all the apparatus needed for work in these subjects. There is a good compound microscope for each student. For the study of bacteriology there are sterilizers, incubators, and other apparatus suitable for a good class of elementary work. The microscopes for bacteriological work are equipped with triple nose-pieces, oil immersion objectives, substage condensors, and mechanical stage adjustments. For the histology class there is an adequate collection of reagents and stains, a Minot's microtome, etc. There is a collection of physiological apparatus for demonstration of a few of the chief functions. In the cabinet there is a collection of preserved specimens representing the principal phyla of animals. This year there has been installed a large Wardian case, the temperature of which is regulated by electricity. This makes it possible to have live plants for work in botany at any time of the year. The laboratory has a good steriopticon and a few lantern slides for illustrative teaching. The greatest need of the laboratory is more room in order that more and better work might be done.

THE EARTH SCIENCES

The classes in the Earth Sciences meet in a room provided with tables for map work, with lantern and with shades for darkening the room. The department is provided with the government topographical maps, including a set of seven duplicates of maps needed for class work, geologic folios, annual reports, bulletins, monographs, a complete set of the Journal of Geology, and selected works in a departmental library. It is provided with an anemometer, barometer, barograph, thermograph, thermometers, a twenty-four-inch model of the earth, selected sets of lantern slides suitable to illustrate all physiographic topics, a petrographical microscope, sets of microscopic slides of rocks and minerals, a Stoe goniometer, crystals, models, and a stock of minerals for use in Determinative Mineralogy. The museum affords the necessary collections of minerals, rocks and fossils for illustrative purposes in Mineralogy and Geology.

THE CHEMICAL LABORATORY.

The chemical laboratory is supplied with gas and water at the laboratory tables, with electric lights, battery circuit, dark closet for photographic purposes, distilled water, chemicals, muffle furnace, and apparatus needed for individual work or for illustrations before the classes, whether in Organic Chemistry, Quantitative Analysis, Qualitative Analysis, or in General Chemistry. To each student is assigned a desk equipped with all that is needed for his work. A side room between the laboratory and the lecture room contains the departmental library and three fine chemical balances. The lecture room of the department is equipped with a Spencer Delineascope of the latest Model.

THE PHYSICAL LABORATORY.

The Physical Laboratory is supplied with tables for the laboratory work, with shades for darkening the rooms, with dark closet for photographic work, with 110-volt and 220-volt city currents, and with two complete generating equipments, one a rotary transformer generating a 15-volt current used for experimentation and for charging a storage battery, the other, a smaller outfit (375 watt) with a set of accessories for work with both direct and alternating currents. The various pieces of apparatus serve to illustrate the principles of Mechanics, Sound, Heat, Magnetism, Electricity, and Light, to afford opportunity for physical measurements in these branches as required in college physics, and to afford opportunity for other work preparatory to courses in engineering. Among the pieces of apparatus are the following: A fine balance, a Seth Thomas clock with electrical connections, cathetometer, Atwood's machine, filar micrometer, specific gravity apparatus with Reinmann's thermometer, standard barometer, Max Kohl siren, outfit for manometric flame and electric tuning forks for Lissajous' figures; Western wattmeter, millivoltmeter, milliameter, voltmeters and ammeters; Leed and Northup earth inductor and balistic galvonometer; tangent and estatic galvonometers, testing set, induction coils, millihenry standard, wireless telegraph receiving set, X-ray outfit, camera, projection lanterns, spectrometer, microscope with accessories for the polarization of light.

THE GYMNASIUM.

The new Gymnasium, the gift of Mr. and Mrs. Harry E. Hopper, is one of the most modern and complete buildings of its kind in the middle West. It was built at a cost, including equipment, of $95,000. The length is 120 feet and the width 106 feet, and three stories high.

On the first or basement floor, are located the Men's locker rooms with capacity for 400 steel lockers. There are twelve shower baths conveniently arranged. The bath rooms and toilet rooms are finished in white marble and tile.

In the East part of the building are the Women's locker rooms with capacity for 300. There are nine baths, around each of which are grouped lockers and dressing rooms. An admirable arrangement of these affords both convenience and complete privacy. The equipments of the men and of the women are separatd by a solid brick wall and there is no access from one part of the basement to the other except from the outside. Besides this there is a separate equipment of lockers baths, etc, for the visiting teams. Conveniently arranged are sweat room, store rooms for suits and a steam drying apparatus. A notable feature on this floor is the indoor practice room, with a length of 117 feet, a width of 19 feet, a ceiling of 25 feet. The floor is of dirt. This room is for various practice work, such as broad and high jumping, pole vaulting, and pitching.

On the Main floor is the Exercise Room, 117x70 feet. There is ample room on the floor for a large basketball court 50x90 or two practice courts placed transversely 40x56. On this floor are offices for the Physical Directors. On the Gallery floor is the Running Track, 18 laps to the mile. This track is built on the most approved modern curves and finished with a heavy cork floor. Part of the Gallery may be used as a balcony to accomodate spectators. On this floor are the trophy room, the janitor's office and a large club room.

The equipment of the lockers, etc., were furnished by the Narragansett Machine Company, and are the best made.

This fine gymnasium adds greatly to the attractiveness of the Physical Culture and to the strength of Simpson's Athletics. It is a splendid monument to the loyalty and liberality of one of Simpson's most honored sons.

THE AIM OF THE COLLEGE.

The purpose of Simpson College is to furnish a modern college education under influences which will be distinctly and professedly Christian. The college was founded by men who loved the Christian faith and its work is being carried on by those who believe that education means not only mental training,but the culture of Christian character. While not a sectarian college, Simpson is a Christian college and is under the care and patronage of the Des Moines Conference of the Methodist Episcopal Church.

RELIGIOUS CULTURE

It is the constant aim of the College to maintain a wholesome Christian atmosphere. For we believe that only in this kind of an atmosphere can the best manhood and womanhood be developed and the broadest scholarship attained.

The work in English Bible is conducted in a broadly Christian manner. In the same temper the Philosophy of the Christian religion is presented, the aim being to give the student a firm foundation in intellect for the great fundamental beliefs and convictions of Christian faith.

At ten o'clock each day a short service is conducted in the chapel by the members of the faculty. All students are required to attend this daily service. Frequently a short address or talk is given by the President or some visiting speaker on some theme having to do with the moral and religious welfare of the student.

Every Thursday evening from 7:00 to 8:00 the College Prayer Service is held. These meetings are led by the President or some member of the faculty and are well attended.

During the year a week of special services is held, and the Day of Prayer for colleges is observed. These meetings have been the means of deepening the religious life of many.

The College Young Men's Christian Association and Young Women's Christian Association maintain devotional meetings and Bible and Mission Study classes.

The students of the college are made very welcome in the church life at Indianola. Every student is expected to be regular in attendance upon the services of the Church of his or her choice.

GOVERNMENT OF THE COLLEGE.

The college administration seeks to develop in the student the principles of self-government. We ask the students to lay certain regulations upon themselves for the good of the college community. Good conduct and faithful work are required of all. The student who does not guard the good name of the college or who shirks and loafs may not stay with us.

There is a College Council which takes care of all minor matters of discipline. This Council is made up of representatives from each of the college classes and from the Academy, School of Business and Conservatory. The President and a member of the faculty are members. Meetings are held at stated intervals, at which matters pertaining to the good order of the college come up for consideration.

The Honor System prevails at Simpson College. Students are not watched but fully trusted at examinations. At the close, each signs a statement pledging the word of honor that he or she has neither given nor received help during the examination. Breaches of honor and disloyalty to the Honor System are reported to the College Council by students. All are pledged to stand by the Honor System in this fashion.

STUDENT ORGANIZATIONS

There are seven Literary Societies, five in the college and two in the academy.

The Zetalethean Society, established in 1867, is composed of women who are of college rank, and meets every Friday afternoon.

The Everett Society, organized in 1867, is composed of men who are of college rank, and meets every Friday evening.

The Alpian Society, organized in 1891, is composed of women who are of college rank, and meets every Friday afternoon.

The Kallonian Society, organized in 1900, is composed of men who are of college rank, and meets every Friday evening.

The Crescent Literary Society, organized in 1911, is composed of women who are of college rank, and meets every Friday afternoon.

The societies have furnished halls, and are in a flourishing condition. Each student is advised to connect himself with one of these societies. Their work affords excellent facilities for acquiring self-possession, originality, power of expression, and a knowledge of the topics of the day as well as important preparation for public life.

PUBLICATIONS

The Simpsonian, a weekly paper devoted to College interests, is edited and published by the student body.

The Simpson College Quarterly Bulletin, issued in the form of a small magazine, is the official publication of the college. It contains the announcements, short articles on subjects related to college work or interests, alumni news items, etc. The Bulletin is published in the months of December, February, April and May. The third number each year is the annual catalogue.

The Zenith is the College Annual. It is published by the Junior class and apppears each year on the first of May.

PUBLIC LECTURES

Besides the lectures connected with the anniversaries of commencement week, prominent men are invited each year to deliver lectures before the students and citizens. The Y. M. and Y. W. C. A. lecture course brings the best talent of the country before the students each year.

PRIZES.

The Badley contest was originated by Rev. B. H. Badley, A. M., D. D., of the class of 1870, who awarded a prize of $20.00 to that member of the junior class who should write and read the best essay on some subject of literature. The prize has been renewed by Mr. John F. Schee, of Indianola, and is known as the Badley-Schee Prize. These are marked on a scale of one hundred for thought, one hundred for composition and fifty for delivery.

The Oratorical Prizes (first prize $15, second prize $10) in gold, now given by Mr. S. M. Holladay, are awarded to members of the college who shall write and deliver the best English orations. The maximum limit of these orations is two thousand words. Each undergraduated literary society is given the privilege of offering two orations in competition for this prize. These orations are due on or before six o'clock P. M. on the fourth Thursday of April. From the whole number six are selected by a committee for public delivery.

The Marsh Prize, consisting of a gold medal is awarded to the winner in the Home Oratorical Contest each year. This prize is given by Mr. John Horsley, of the class of 1909.

A Debating Trophy, in the form of a silver platter, is provided by the faculty, upon which is engraved from year to year the name of the society, winning the series of inter-society debates arranged between the five collegiate literary societies.

COLLEGE HONORS.

At the close of each semester each instructor of college classes may report to the Registrar the names of honor students as follows: One student from each class having from one to thirty students enrolled, two from each class having from thirty-one to fifty students, three from each class having from fifty-one to seventy, and so on. The term class shall be construed to include all sections of any course. College students making up Academy work shall not be reported for honors in that work.

The report from the commercial department and the Conservatory of Music shall be made at the end of the scholastic year and shall be based upon the number of college students who complete the courses for which credit toward the A. B. degree is given.

At the close of the year, the Registrar shall make a list of the ten students who rank highest in honor hours. In case of a tie for tenth place, the faculty shall decide the tie. No student shall be considered for honors unless he is reported as an honor student from more than one class. The list arranged alphabetically shall be announced at the Commencement exercises and published in the college catalogue.

Those members of the graduating class whose names appear upon the honor list their senior year and have appeared upon honor lists at least two other years, shall be awarded suitable honor emblems at the time of graduation.

DEPARTMENTAL HONORS

Any person wishing to receive departmental honors must secure the consent of head of the department in which he has taken his major to prepare a thesis. The subject of this thesis must be selected and the consent of faculty secured by December 1st preceeding the date of proposed graduation.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete in a satisfactory manner the required number of semester hours of college work.

The Degree of Bachelor of Music is conferred on those who comply with all requirements for unconditional entrance to the College of Liberal Arts and who complete the Conservatory course in Music.

Application for degrees or for graduation from any of the departments should be made to the President at least three months before commencement, accompanied by the fee of $5.00 or $3.00, as required by the rules.

WOMEN'S DORMITORY.

Mary Berry Hall, the women's dormitory, is a substantial brick building with well-ventilated rooms, lighted by electricity, and heated by steam. With the exception of those who reside in the city with their parents or guardians, all young women are expected to room at the hall, or at such private homes as the faculty approve. A list of approved boarding places is published at the opening of each college year. Only such regulations are adopted for the hall as are deemed necessary to secure the conditions of real culture and development of womanly character.

The rooms are provided with carpets, or rugs, and heavy furniture, such as cots or bedsteads, mattresses, tables, chairs, etc. Students furnish bedding above the mattresses, and towels. Applications for rooms should be made at the college office two weeks before the beginning of a term. No room will be reserved until five dollars is paid, which will be applied on expenses of room, but will not be returned if room is not occupied. The room rent is due when possession is taken and is $18 per semester. This includes heat and light.

Excellent board is furnished at Mary Berry Hall. The price for 1916-17 will be $3.50 per week.

Citizens of Indianola who rent rooms to students are required to send each month a written report in prescribed form to the President answering questions in regard to the observance of College regulations on the part of the students in their homes. The renting of rooms to both men and women in the same house will be permitted only by special arrangement with the Dean of Women.

SUGGESTIONS TO NEW STUDENTS

If you arrive in September on the day before the opening of the semester or the first day of the semester, look for the students wearing the badges of the reception committees of the Y. M. C. A. and the Y. W. C. A. They will be at your service. In the absence of such representatives come at once to the college offices, and there you can receive directions and such help as you need.

The evening trains arrive just at supper time. Come immediately to the College boarding hall, where temporary arrangements can be made for your comfort.

All the College buildings are upon the campus, located one block directly west of the Rock Island station, and two blocks west of the C. B. & Q. station.

REGISTRATION

New students should register at the earliest opportunity. Before registration each student must see the Committee on Entrance. Grade sheets from high school, and other crdentials should be presented. The Committee will advise as to classification and what studies should be included in registration for the first semester.

Sophomores who have not yet selected their major must be advised by the President before they register. Those who have selected their group (Sophomores and Juniors) must have been advised by the professor of their major study before they will be permitted to register. Tuition and fees are payable at time of registration.

EXPENSES.

Tuition in College, per semester	$30.00
Academy, per semester	20.00
Normal Courses of Academy Grade	20.00
School of Business per semester	35.00
Shorthand and Typewriting, per semester	30.00
Gymnasium fee, per semester	1.00
Semester fee, per semester	5.00

This last fee includes the registration fee, athletic fee, and the lecture and debate fees, and entitles the student to free admission to all regular athletic games, lectures, debates, etc., throughout the year.

The semester fee is required of every student who registers in any department of the College. The only exceptions are (1) pupils from the schools of Indianola who may wish to take special courses in any department of the College; (2) persons resident in Indianola who may wish to take instruction in only one subject. Such students may pay a special tuition fee and one-third of the semester fee; but they shall be entitled to none of the student privileges in the matter of athletic events, lectures, etc. (3) Students registering six weeks or less before the close of a semester. The fee for such remaining portion of the semester shall be one-half of the usual fee.

The tuition in the Conservatory varies with the character of the work taken and the instructors. Rates will be found on another page.

Laboratory fees are as follows:

COLLEGE.

Physics II, III and IV, per semester	$3.00
Chemistry I, per semester	4.00
Chemistry II, per semester	4.50
Chemistry III, per semester,	6.00
Chemistry, IV, per semester	6.00
Chemistry V, per semester hour	1.50
Mineralogy, per semester	2.00
Zoology, per semester	4.00
Botany, per semester	3.00
Mammalian Anatomy	3.00
Embryology and Histology	4.00
Bacteriology	4.00
Advanced Physiology, per semester	1.00
Surveying	1.00
Freehand or Normal Drawing, per semester	1.50
Typewriter rent, per semester	9.00

For laboratory fees in Home Economics, see that Department.

There is no fee for Mechanical Drawing to students majoring in Mathematics, Physics, or Pre-Engineering Group. Others pay a fee of $1.50 per semester.

ACADEMY

Elementary Physics, per semester	$1.50
Elementary Botany, per semester	1.50

Students engaged in laboratory work pay for any apparatus which they may break or injure.

Tuition and fee are payable at registration. No student may be admitted to classes without cashier's note on the registration card indicating that college bills are paid or satisfactory provision has been made for their payment in the immediate future. Students whose bills remain unpaid at the expiration of the time for which special arrangement was granted them, will be suspended from classes and all absences so resulting shall be unexcused. Bills may be paid by semester or term, the term rate being half the semester rate.

SPECIAL EXAMINATIONS.

The fees for special examinations are as follows:

1. When a student is necessarily absent from an examination or has two or more unexcused absences from recitations or lectures, $0.50.
2. When a student asks for an examination in a subject during a semester subsequent to that in which the subject was taken in class, $1.00.

Refund of Tuition is granted only when a student is compelled to leave college on account of illness or for some other imperative reason. Notice must be given or sent to the President or Registrar of the intention of the student to give up work.

When there remain less than six weeks of the period for which the student was registered, there will be no refund of tuition, otherwise refund is pro rata, reckoned from date notice is received at college office. The semester fee and laboratory fees are not refunded.

SCHOLARSHIPS AND FREE TUITION.

There are twenty-seven endowed scholarships now available. They are granted each year by the founders or by the President when he is so authorized. It is understood that when no nomination from the founder or other authorized person has been received at the college on the twentieth day of August preceding the opening of College in the fall the President may fill the scholarship. The scholarships are as follows:

Only those scholarships the principal of which is fully paid in have been recorded here.

The Sandy Scholarship, founded by Mary J. Sandy, Indianola, Iowa.

The Hoffman Scholarship, founded by M. P. Hoffman and wife, Redding, Iowa.

The George Paup Memorial Scholarship, founded by his sons, Wm. Leslie Paup, George Clark Paup, Horatio H. Paup and Joe Harrison Paup, Harlan, Iowa.

The Hollenbeck Scholarship, founded by C. B. and Louise Hollenbeck, Prescott, Iowa.

The Lydia Marie Hollenbeck Scholarship, founded by the above parties.

The McGaffey Scholarship, founded by Samuel McGaffey, of Villisca, Iowa.

The Bagley Scholarship, founded by the Simpson Club of Bagley M. E. Church.

The Robbins Scholarship, founded by J. D. Robbins, of Malvern, Iowa.

The Shaw Scholarship, founded by Samuel Shaw, Milo, Iowa.

The Wm. N. Clayton Memorial Scholarship, founded by B. F. Clayton, Indianola, Iowa.

The Buffington Scholarship, founded by F. M. and Sarah Buffington, Glenwood, Iowa.

The Barker-Berry Scholarship, founded by W. H. Berry and wife, Indianola, Iowa.

The Snyder Scholarship, founded by Mr. and Mrs. Wm. Snyder, of Farragut, Iowa.

The Dinsmore-Austin Memorial Scholarship, founded by Mrs. D. Austin, of Jefferson, Iowa.

The Sayre Scholarship, founded by W. E. Sayre, Indianola, Iowa.

The Fletcher Brown Scholarship, founded by Rev. Fletcher Brown and family, Indianola, Iowa.

The Helen Dudley Memorial Scholarship, founded by Mr. and Mrs. W. M. Dudley, Indianola, Iowa.

The Francis Sheppard Scholarships (six scholarships), founded by Mrs. Mary Frances Sheppard, Indianola, Iowa.

The Burns Scholarship, founded by M. C. G. Burns, Milo, Iowa.

The Perkins Scholarship, founded by S. H. Perkins, of Cambria, Iowa.

The Cain Scholarship, founded by Edward Cain, of Des Moines.

The Weatherby Scholarship, founded by David Weatherby.

The Arnold Scholarship, founded by the late W. H. Arnold, of Des Moines.

Scholarships for one year are granted as follows:

(a) To the honor graduate of an accredited high school in the state of Iowa, free tuition in the College of Liberal Arts is granted for one year. The nomination is to be made by the School Superintendent or High School Principal on one of the regular blangs sent out by the Secretary of the IowaAssociation of Independent Colleges.

The honor graduate may use the scholarship a year subsequent to his or her graduation from high school, but not later than one year.

(b) To the honor graduate of a non-accredited (3 year) high school, free tuition may be granted in Simpson College Academy for one year. The nomination must be made by the School Superintendent or High School Principal on the regular blanks which will be furnished by the College.

SUMMARY—WHAT IT COSTS.

The expense of a course at Simpson College will vary widely. For those whose homes are in Indianola it may be very light. We are sometimes asked to give estimates. These estimates are always difficult and approximate, for so many things must be taken into consideration. The personal make-up of the student will govern here. But let it be said that life at Simpson is such that a student has no need of large funds in order to enjoy all the intellectual and social advantages of the institution. The extravagant standards of some colleges are not in vogue or favor with us. A large number of students are working their way through college and earning a portion of their expenses. There is every opportunity for economy for those to whom it is a necessity.

Board at the College Hall is $3.50 per week. Furnished rooms with light and heat are $1.00 and $1.25 per week, when two occupy a room; $1.50 and $2.50 when a person has a room to himself.

The following is a fair estimate of necessary expenses for the year of thirty-six weeks:

Tuition for year	$ 40.00 to	$ 60.00
Semester fees and Gymnasium		12.00
Room rent (average)	40.00 to	45.00
Board		126.00
Books and incidentals		20.00
Total	$231.00 to	$263.00

SELF HELP

The above figures are for those who pay for everything in cash. But it must be remembered that these expenses may be earned in many ways. A considerable number of students earn their board; a larger number earn room rent, while some earn both board and room. They do this by giving two to four hours work per day in the homes or business houses of the town. There are many ways in which it is possible for students to earn a considerable portion of their college expenses. The College maintains an employment agency. Two upper class students are in charge of this agency, one for the girls and one for the men. These persons are employed by the College to make connections between students who need work and work which needs to be done in the city. If interested, send for the circular of the College Employment Bureau.

LOAN FUNDS.

There are several funds from which students may be assisted by loans. There are the Educational Board of the Methodist Episcopal Church, and the Des Moines Conference Student Fund. From these funds loans are granted students under certain conditions, which may be learned on inquiry at the President's office.

The Southard Fund places a certain sum in the hands of the President to assist young men in studying for the ministry. Loan grants from these funds are made on a business basis and it is expected that the students borrowing will repay the funds as soon as they are able, just as they would meet any other legal and moral obligation.

We would not advise a student to enter College without sufficient resources to pay the expense of the first semester as it may require some time to secure suitable work. Besides a student's disposition thus to help himself is an indication that he is one worth helping.

College of Liberal Arts

Requirements for Admission to College of Liberal Arts

SATISFACTORY evidence of good moral character will be required of all who seek admission. Those who come from other Colleges must present credentials indicating that they have received honorable dismissal.

Admission may be in one of four ways: (a) By examination; (b) by graduation from Simpson Academy; (c) by presenting a certificate of graduation or record of credits from an accredited High School; (d) by presenting certificate of advanced standing from other Colleges.

Students who enter the College should be at least sixteen years of age.

Good work during the first year at College is insisted upon as a requirement for maintaining class standing. Those who fail to do satisfactory work to the extent of at least 23 semester hours during the first year will not be advanced with their class.

ENTRANCE REQUIREMENTS

For unconditional admission to the Freshman class 15 preparatory units are required.

A unit of credit means a subject pursued for four or five periods a week during a school year of at least thirty-six weeks—each period being not less than 45 minutes.

Of these 15 units, 9½ are required of all in the following subjects:

Mathematics	2½	English	3
A Language other than English	2	History	1
		Science (Physics preferred)	1

The remaining 5½ units may be offered from the following list:

Credits in Units.

English	3	Physiology	½ to 1
Greek	1 or 2	xBookkeeping	½
Latin	1 to 4	xCommercial Geography	½
German	1 or 2	xCommercial Law	½
French	1 or 2	xIndustrial History	½
History	3	xStenography	½
Civics	½	Freehand or Mechanical	
Economics	½		

Mathematics	2½ to 4	Drawing	½ to 1
Botany	½ to 1	*Manual Training	½ to 1
Chemistry	1	*Domestic Science	½ to 1
Physics	1	*Agriculture	½ to 1
Physical Geography	½ to 1	*Normal Training Courses	½ to 1½
Zoology	½ to 1		

**Credit in these subjects will be accepted only from those High Schools whose Normal Training Courses are accredited by the State Department of Education.*

Credits offered in the above list from schools whose special courses have not been so accredited must be approved by the head of the respective departments before they can be accepted for entrance.

†Total credit allowed from vocational and commercial subjects may not be more than three units.

Those who offer only 14 units may be admitted as Freshman, but conditioned upon the deficiency, one academic unit being made good by the beginning of the Sophomore year or the student will fail to be advanced with his or her class. Any student who reaches the Sophomore year delinquent in any academy study is to make up this work at once by special examinations, or enter classes in such subject or subjects. Those who present less than 14 units for admission will be classified in the Academy until they have met the standard.

ACCEPTANCE OF GRADES

The requirements for admission are essentially those outlined by the North Central Association of Colleges and Secondary Schools. Records (grades) from schools on the accredited list of that association, and from standard colleges, are accepted without further inquiry; records (grades) from other institutions must be presented to the head of the department concerned for his approval before such records can be filed in the college office as accepted. Where note books are specified they must be presented together with the certificate of standing. This applies especially to laboratory and field note books in science. in case of doubt as to the extent and character of the work accomplished, each student is entitled to an examination that may prove his proficiency in the subject, and where a professor requires such examination it shall be held on the first or second Saturday of the semester.

EXPLANATION OF THE UNITS.

ENGLISH

Three Units.

The entrance requirements in English literature presuppose an accurate knowledge of the elements of composition, including spelling, punctuation, letter writting, the use of words, paragraphs, and the rhetorical elements of a whole composition. If at any time the student is found lacking in the practical mastery of these fundamentals, he will be assigned to a class where he can make up his deficiency. For entrance into Simpson College without condition, the student must complete at least the uniform college entrance requirements in English.

College Entrance Requirements in English for 1915-1919. Required for reading and study.

A. READING.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections* are to be made, except as otherwise provided under Group I.

I. CLASSICS IN TRANSLATION. The Old Testament, comprising at least the chief narrative episode in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth, and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI. The Æneid. (The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from the above group a selection from any other group may be substituted.

II. SHAKESPEARE. Midsummer Night's Dream. Merchant of Venice. As You Like It. Twelfth Night. The Tempest. Romeo and Juliet. King John. Richard II. Richard III. Henry V. Coriolanus. Julius Caesar.** Macbeth.** Hamlet.**

III. PROSE FICTION. Malory: Morte d'Arthur (about 100 pages). Bunyan: Pilgrim's Progress, Part I. Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag). Defoe: Robinson Crusoe, Part I. Goldsmith: Vicar of Wakefield. Francis Burney: Evelina. Scott's novels: any one. Jane Austen's novels: any one. Maria Edgeworth: Castle Rackrent or The Absentee. Dicken's novels: any one. Thackary's novels: any one. George Eliot's novels: any one. Mrs. Gaskell: Cranford. Kingsley: Westward Ho! or Hereward, the Wake. Reade: The Cloister and the Hearth. Blackmore: Lorna Doone. Hughes: Tom Brown's School Days. Stevenson: Treasure Island, Kidnapped, or Master of Ballantrae. Cooper's novels: any one. Poe: Selected Tales. Hawthorne: The House of the Seven Gables. Twice Told Tales, or Mosses from an Old Manse. A collection of Short Stories by various standard writers.

IV. ESSAYS, BIOGRAPHY, etc. Addison and Steele: The Sir Roger de Coverley Papers or Selections from the Tatler and Spectator (about 200 pages). Boswell: Selections from the Life of Johnson (about 200 pages). Franklin: Autobiography. Irving: Selections from the Sketch Book (about 200 pages) or Life of Goldsmith. Southey: Life of Nelson. Lamb: Selections from the Essays of Elia (about 100 pages). Lockhart: Selections from the Life of Scott (about 200 pages). Thackeray: Lectures on Swift, Addison, and Steele in the English. Humourists. Macaulay: any one of the following essays: Lord Clive; Warren Hastings; Milton; Addison; Goldsmith; Frederick the Great; Madame d'Arblay. Trevelyan: Selections from the Life of Macaulay (about 200 pages). Ruskin: Sesame and Lilies or Selections (about 150 pages). Dana: Two Years Before the Mast, Lincoln: Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln. Parkman: The Oregon Trail. Thoreau: Walden. Lowell: Selected Essays (about 150 pages). Holmes: The Autocrat of the Breakfast Table. Stevenson: An Inland Voyage and Travels with a Donkey. Huxley: Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk. A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

V. POETRY. Palgrave: Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns. Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B). Goldsmith: The Traveler and The Deserted Village. Pope: The Rape of the Lock. A collection of English and Scottish ballads: as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads. Coleridge: The Ancient Mariner, Christabel, and Kubla Khan. Byron: Childe Harold, Canto III or IV and The Prisoner of Chillon. Scott: The Lady of the Lake or Marmion. Macauley: The Lays of Ancient Rome, The Battle of Naseby, The Armada, and Ivry. Tennyson: The Princess or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur. Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The

Italian in England, The Patriot, The Pied Piper, "De Gustibus—," and Instans Tyrannus. Arnold: Sohrab and Rustum and The Forsaken Merman. Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

*Each selection is set off by periods. **If not chosen for study under B.

B. STUDY.

One selection to be made from each group.

I. DRAMA. Julius Caesar. Macbeth. Hamlet.

II. POETRY. Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas. Tennyson: The Coming of Arthur, The Holy Grail, and The Passing of Arthur. The selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

III. ORATORY. Burke: Speech on Conciliation with America. Macauley's Speech on Copyright and Lincoln's Speech at Cooper Union. Washington's Farewell Address and Webster's First Bunker Hill Oration.

IV. ESSAYS. Carlyle: Essay on Burns, with a selection from Burns' Poems. Macaulay: Life of Johnson. Emerson: Essay on Manners.

MATHEMATICS.

Two and One-half Units.

Two and one-half units are required of all who seek unconditional admission to the Freshman class.

1.	Algebra—through Arithmetical and Geometrical Progression	1½ Units
2.	Plane Geometry	1 Unit
3.	Solid Geometry	½ Unit
4.	Plane Trigonometry	½ Unit
5.	Spherical Trigonometry	½ Unit

It is recommended that Algebra be taught for two semesters and completed as far as Quadratic Equations; that then Geometry should follow.

Then a half year be given to a review of Algebra and its continuance through Progressions.

LANGUAGE REQUIREMENTS.

Two units in one foreign language required. Additional language credits will be accepted.

LATIN

The units in Latin may be defined as follows:

I. First book of Latin lessons completed; easy reading; twenty to thirty pages of consecutive text ....1 Unit

II. Caesar's Gallic Wars, first four books, or an equivalent in selections from Latin authors. Latin prose composition based on the text read to the extent of at least one hour a week for a year......1 Unit

III. Six Orations of Cicero; prose composition ....1 Unit

IV. Virgil, first six books of the Æneid ....1 Unit

GREEK

I. First book of Greek lessons; and ten to fifteen pages of classical text.

II. Xenophon's Anabasis; three books Greek composition, oral and written, the equivalent of one exercise per week for one year.

GERMAN.

I. Rudiments of grammar; careful drill in pronunciation. Reading of at least fifty pages of text with practice in translation into German of easy variations upon sentences selected from the reading lesson ....1 Unit

II. Reading of one hundred and fifty to two hundred pages of text in the form of easy stories and prose. The student should have a correct pronunciation, a fairly complete working knowledge of the grammar, especially on the inflectional side; some ability to speak and understand the language ....1 Unit

FRENCH

I. Careful drill in pronunciation; rudiments of grammar; reading of not less than one hundred pages of text with constant practice in translating into French easy variations of the sentences read..1 Unit

II. The reading of not less than two hundred and fifty pages of easy modern prose in the form of stories, plays, or historical or biographical sketches with constant practice in pronunciation, writing French from dictation, and drill upon rudiments of grammar..1 Unit

HISTORY.

One Unit Required.

Any one of the following courses in History may be presented for an entrance unit:

1. Ancient history, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne.

2. Mediæval and modern European history, from the death of Charlemagne to the present time.

3. English history.

4. American history, or American history and civil government.

SCIENCE

One Unit Required.

The entire unit must be in one science; botany, chemistry, physics, physical geography, zoology. To be accepted a complete text on the subject must have been studied in full, accompanied by laboratory or field work so arranged as to illustrate all parts of the text, on which laboratory or field work a careful note book record was prepared as the work progressed.

The Course of Study

THE curriculum of a modern college should be arranged so that three classes of students are well considered: I. Those looking towards the professions. 2. Those expecting to teach. 3. Those whose college course is to afford them general preparation for life in broad culture and training.

There is no better foundation for the special training needed for law, medicine, the ministry, and the various branches of engineering than a good college course. A young man is unfortunate who tries to prepare for these professions without college training. The mastering of the work in a good medical college or law school is far too serious a matter for any student except those who have tried and tempered their minds and have won in part at least their mental independence. For the prospective engineer or chemist the college can do much. All the foundation work, such as mathematics, physics, modern languages, mechanical drawing, the student may take here at less expense than in the technical school, and in a social atmosphere and religious environment conducive to high character in after years.

While the prime object of a good college course is mental training and culture and the symmetrical development of the student's personality, still in this age which demands such specializing for efficiency it is necessary to permit the student even while in college to give his work a particular direction. And specialization to a limited degree must be considered necessary today in effective college education.

This is arranged for in the Group System. Thus, for example, the group containing Physics as a major study makes an admirable preparation for mechanical engineering, while the Geology- Chemistry group fits the needs of one who may look to mining engineering. The Political Science-History group leads naturally to Law, while the Biology group leads to medicine or agriculture and Philosophy-Sociology or Philosophy-Science group gives an excellent approach to the study of modern theology. In the college and normal course, excellent training is offered for those who look to the profession of teaching.

The following subjects are included in the curriculum:

Latin, Greek, German, French, Mathematics, Astronomy, Chemistry, Physics, Biology, Meteorology, Physiography, Geology, Mineralogy, English Language, English Literature, History, Economics, Sociology, Drawing, Education, Public Speaking, Commercial Science, Shorthand, Musical History and Theory, English Bible, Philosophy, Psychology, Ethics, and Physical Training. These courses are in advance of the work done in the same subjects in the ordinary high school, and four years are required to complete profitably the courses leading to the degree of Bachelor of Arts.

The nature of the work, as well as the time spent in each course, is indicated under the appropriate heads in Departments of Instruction.

One exercise per week requiring at least two hours for preparation and recitation is called one semester hour, and 124 semester hours are required for graduation, of which 121 are for academic class work and three for physical culture, one unit for each of the first three years of the college course. The remaining unit is for physical culture of the senior year, which is elective. In lieu of this election the credit may be secured in any of the following ways, under the direction of a professor in the college. For instruction in a glee club; for instruction for a state contest; for instruction for the public presentation of literary work undertaken by a department. While the college recognizes the high value of various college activities, it desires that such undertakings shall be for their own intrinsic worth and not for credit in semester hours.

The following work is required of all who are candidates for the degree:

COURSES REQUIRED OF ALL STUDENTS.

English (English I and II and Literature I and II)	10 semester hours
English Bible	4 semester hours
History	6 semester hours
Foreign Language	8 semester hours
Psychology	6 semester hours
Science (to be taken in two departments, Biology, Chemistry, Earth Sciences, or Physics)	12 semester hours
Mathematics	6 semester hours
Physical Culture	3 semester hours
Public Speaking	2 semester hours
Total	57 semester hours

The physical culture is required. Two periods a week in gymnasium works for the year counts as one semester hour.

THE GROUP SYSTEM.

The work of the Freshman year is largely prescribed. It varies according to the language credits offered for admission.

Students entering college will see the President or Registrar on registration day. After consideration of previous preparation, the aims and purposes of the student and other matters, each student will be advised personally as to studies which had better be included in the first year's work.

During the Sophomore year, the students in the College will be asked to indicate the direction of their subsequent studies. This will be done by choosing one of the groups of studies.

The professor whose subject stands at the head of the group chosen now becomes the student's adviser for the rest of his or her course. The studies of the Sophomore year are planned as an approach to the work of the Junior and Senior years. During these years the student's course consists of his major study and those electives which in the judgment of the adviser will make a well-rounded and useful course. It will be noted that the fundamental principle in our Course of study is to fit the Course to the Student, not the Student to the Course. Throughout the course each student is guided and advised individually and personally, by some member of the Faculty.

The number of semester hours devoted to the major study varies, but may not be less than 16 in the two years. Specific information in regard to the major requirements appears in the paragraphs which set forth in detail the work of the various departments.

If a graduation thesis is written, it must be prepared in the field of the student's major study and under the general guidance of the professor in that department. The following groups are submitted:

MAJOR GROUPS

(The figures after each study indicate the number of semester hours required.)

I.

English.

English Language	8
English Literature	20
Language	14
History	6
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	43
	124

II.

History.

History	26
English	10
English Bible	4
Modern Language	8
Economics	6
Philosophy of Thought and Language (Logic)	2
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	39
	124

III.

Mathematics.

Mathematics	26
Physics	8
Astronomy	4
English	10
English Bible	4
History	6
Modern Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	47
	124

IV.

Philosophy

Philosophy	18
Biology I	8
Economics or Sociology	6
Geology I	4
English	10
English Bible	4
History	6
Foreign Language	8
Psychology	6
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	43
	124

V.

Latin.

*Latin	22
Greek and Roman History	4
English	10
English Bible	4
History	6
Greek or other Language	8
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	41
	124

*In addition to the two years of Academy Latin prerequisite to enter this group.

VI.

Greek.

*Greek	26
Latin or Modern Language	8
Greek and Roman History	4
History	6
English	10
English Bible	4
Psychology	6
Science	12
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	37
	124

*Eight hours of Elementary Greek prerequisite to enter this group.

VII.

German.

German in addition to German I	22
English	16
Foreign Language (other than major)	8
Sociology	6
English Bible	4
History	6
Physical Culture	3
Psychology	3
Public Speaking	2
Science	12
Mathematics	6
Elective	33
	124

VIII.

French.

French	26
Latin, Greek or German	10
History	12
English	16
English Bible	4
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	27
	124

IX.

Chemistry.

Chemistry	22
Biology or Physics	8
**Mineralogy (Determinative and Economic)	4
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	37
	124

**For all except pre-medical students.

X.

*Biology.

Biology	20
Chemistry	8
Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	43
	124

*Those who are to study Medicine should elect Chem. II-IV and Physics II-III. They may omit the first semester of Palaeontology.

XI.

Earth Sciences.

Earth Sciences	22
Chemistry	8
Biology	8
Physics	9
Astronomy	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Mathematics	6
Elective	20
	124

*Enough to complete three years; two of German and one of French.

XII.

Physics.

Physics	20
Mathematics	6
Chemistry	8
Mechanical Drawing	4
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	39
	124

*Enough to complete three years; two of German and one of French.

XIII.

Pre-Engineering.

Mathematics	22
Physics	16
Mechanical Drawing.	4
Physics IV or Mathematics	4
Chemistry	14
*Modern Language	16
English	10
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Elective	21
	124

*Enough to complete three years; two of German and one of French.

Those who are to become Civil Engineers advise with Prof. Emmons. Those who are to become Mechanical or Electrical Engineers advise with Dr. Tilton.

XIV.

Music.

Musical Theory (Harmony, etc.)	16
History of Music	6
Musical Literature (Instrument or Voice)	4
Education I	6
Modern Language	16
English	16
English Bible	4
History	6
Physical Culture	3
Psychology	6
Public Speaking	2
Science	12
Mathematics	6
Elective	21
	124

XV.

Home Economics

Domestic Science	12
Domestic Art	12
Household Administration	4
History of Art	2
Chemistry	12
Biology	8
Bacteriology	3
Physiology	6
English	10
English Bible	4
History	6
Modern Language	8
Psychology	6
Mathematics	6
Public Speaking	2
Physical Culture	3
Elective	20
	124

It will be noted that in each of these groups there are three classes or sets of studies: 1st, those required of all 57 semester hours; 2d, the major, 18 to 26 hours; 3rd, the electives, which are selected and arranged under the guidance of the student's adviser, enough to make a total of 124.

Academy students are allowed to take as many as twenty hours of Academy work on advice of the Principal of the Academy.

No Freshman is allowed to take more than sixteen hours besides Physical Culture. No other student is allowed to take more than sixteen hours besides Physical Culture, except by permission of the Faculty. Blank applications for extra hours may be obtained from the college office, but the approval of the adviser is necessary before the Faculty will consider the request.

In general, students will not be allowed to take extra hours, who, during the previous semester, have received a grade below M in any course, and who have more hours graded M than S or E.

STATE TEACHERS' CERTIFICATES.

Graduates of Simpson College who complete six semester hours of Psychology and fourteen hours in Science of Education, as a part of their College course, will receive from the State Board of Educational Examiners the Five Year Teachers' Certificate for the State of Iowa.

This certificate will be given, without examination, because Simpson is an accredited college. Students who expect to teach should not fail to elect sufficient work in the Department of Education to entitle them to this privilege. Those completing the Two Year Normal Course will receive the Two Year State Certificate. See the plan and outline of the course of study (see Index, Normal Course.)

RECOMMENDATION OF TEACHERS.

A Faculty Committee on Recommendations has been organized to aid adequately prepared students and graduates of the College to secure positions as teachers. This Committee will gladly be of service to school boards and Superintendents who desire to receive such recommendations.

Those who expect to teach in High Schools should be prepared in one or two subjects besides the major, to meet the conditions in the smaller High Schools. The following combinations are frequently demanded; English and History; English and German; German and Science; Latin and German; Latin and English; Mathematics and Science; Science and Physical Training.

Departments of Instruction

BIOLOGY.

Professor Jenner.

Mr. L. G. Rowley, Assistant.

I. ZOOLOGY. This course is designed to give the student a general survey of the whole subject of Zoology. Beginning with the lowest animals, the structures of typical forms from each phylum are studied in the laboratory with special reference to function and adaptation. Special attention is given to the general laws of biology as illustrated in the forms studied. The lectures and quizzes are given at the conclusion of the laboratory work on each group. The library furnishes opportunity for the student to acquaint himself with other types than those studied in the laboratory. The first semester is devoted to the study of the invertebrates beginning with the Protozoa. During the second semester a study is made of the vertebrates beginning with an ascidian.

A student who enters during the first semester is expected to continue throughout the year if his work is satisfactory.

Open to all students.

Required of all students majoring in Biology or Earth Sciences, and may be taken to satisfy the science requirement in other groups.

Throughout the year, four hours.

II. BOTANY. The course will consist of laboratory work and lectures on a few of the typical seed plants, with a view to giving the student a knowledge of their morphology and physiology. Elementary chemistry is desirable, but not required as a prerequisite.

Open to all college students.
First semester, three hours.

III. BOTANY. A brief survey beginning with the lowest plants and proceeding to the higher, in which typical forms of each division of the plant kingdom are studied. Special emphasis is placed on the evolution of the seed-plants from the lower orders. Lectures and laboratory work.

Open to all college students.
Second semester, three hours.

IV. BACTERIOLOGY. The work of this course consists of laboratory work supplemented by lectures and assigned readings, and is designed to give the student a working knowledge of the subject.

This course will be offered during 1916-17 but not during 1917-18. Students who desire to take the course should plan their work accordingly.

Open to all students who have had Chemistry. I

Required of all students who major in Domestic Science.

First semester, three hours, eight to ten.

V. HISTOLOGY. In this course the student is taught the methods by which animal tissues are prepared for microscopic examination. During the course the structures of the various systems of organs of the cat are studied. A note book is kept in which is recorded a complete account of the work done in the course.

Open to all students who have had Course I.

Second semester, three hours, eight to ten.

VI. MAMMALIAN ANATOMY. This course consists of individual work on the skeleton, muscles, and various organs of the dog or cat. Drawings are made as the work progresses, and the student is required to record his observations in a note book which is submitted for approval at the end of the semester.

There are no prerequisites for registration in this course except that the student is expected to have an interest in the subject.

First semester, two hours.

Time to be arranged.

VII. PHYSIOLOGY AND HYGIENE. This course will be made very elementary and adapted to those who have had no previous training in Biology. The object is to give the student a general knowledge of the functions of the body with special reference to its care. One of the less technical books will be used as a text. This will be supplemented by lectures, experiments, and demonstrations from dissections of some of the lower animals. The course will be of special value to those who wish to teach the subject in the high school. It is designed also as an introductory course for those who wish to take up medicine or nursing as a life work. While not at present required it is desirable that students have Chemistry I, before taking this course.

Open to all students of college grade.

Required of students who major in Domestic Science.

Throughout the year. When laboratory work requires, students are expected to remain until the work is finished. Three hours.

When elected for credit it is required that the student will remain in the class for the whole year.

VIII. GENETICS. The object of this course is to acquaint the student with the modern thought on the subject of evolution, variation, heredity, ecology, etc.

Open to all students who have received a grade above I in Zoology.

Required of all students majoring in Biology.

Throughout the year, two hours.

IX. SPECIAL BIOLOGY. Special problems of biology are taken up by the individual student and the results of the study are incorporated in a thesis.

Required of those who select the Biology group. Other students may enter on invitation.

Credit not to exceed four hours.

BIBLICAL LITERATURE.

Professor Morley.

The following courses aim to set forth the social, political, literary and religious materials of the Bible with which every educated person should have an acquaintance. They also serve as valuable introductory courses to those preparing to become religious teachers and leaders.

I. OLD TESTAMENT. THE PRE-EXILIC PERIOD. This course traces the progress of revelation and faith among the early Hebrews from the traditional period, through the nomadic and transitional stages to the founding and dissolution of the monarchy. Particular attention is given to the rise and functions of the order of prophets, the growth of ethical monotheism and the centralization and changing forms of worship. Text book and lectures.

First semester, two hours.

II. OLD TESTAMENT. THE POST-EXILIC PERIOD. The later history of the Jews will be traced in the divided kingdom, the exile, in the Persian and Greek domination and the Maccabean struggle for liberty. Some time will be given to the prophetic and wisdom literature and the growth of the Messianic expectancy. Text book and lectures.

Second semester, two hours.

III. THE LIFE AND TIMES OF CHRIST. The course will examine the sources and history of the Gospel records, the history of Palestine in the time of Christ, the synoptic problem and the fourth

Gospel, the life, ministry and teachings of Christ, together with contemporary Jewish traditions. Text book and lectures.

First semester, two hours.

IV. THE APOSTOLIC AGE. This course will be a study of the founding of the Christian Church, the spread of Christianity, the religious ideas, customs and literature of the apostolic age. While this course is a unit, yet it is taken with best advantage in sequence with Course III. Text book and lectures.

Second semester, two hours.

CHEMISTRY

Professor J. Allen Baker.

Ralph Brewer. Frank Warren, Newell McCoombs, Laboratory Assts.

It is the aim of this department to meet the needs of two classes of students: Those who wish to gain an elementary knowledge of the subject as a part of a general culture course and those who wish to pursue some technical application of the science.

No liberal education is complete without a course in Chemistry, because the subject matter is of fundamental importance to everyday life. Its value as a purely educational factor should be kept in view. For training in habits of exactness, for gaining helpful insight into the methods of evidence, Chemistry holds a high position among the studies offered in college.

Those who are intending to pursue some technical application of the science will find the course logically arranged to that end. Broad foundation principles and skill in observation, interpretation, and manipulation are emphasized rather than narrow specialization.

Students majoring in Chemistry must take Chem. I and II. In addition to this they must take either Chem. III or Chem. IV. Thesis work may be arranged with a maximum credit of 4 hours, but it is not required.

CHEMISTRY I. A. GENERAL CHEMISTRY. The aim of the first course in Chemistry is to present a general view of the subject. During the first half of the year a systematic study is made of as many of the common elements and their compounds as is necessary to give the student an adequate conception of the fundamental laws and theories of the science. The second semester is taken up pretty largely with a systematic study of the metals and their compounds. The recitation periods are devoted to a consideration of descriptive matter, chemical theories, and quizzes on the experimental work. Wherever possible the practical application of Chemistry is brought before the mind of the student. The writing of formulas, the writing and balancing of equations, and the working of chemical problems is emphasized. Throughout the year the laboratory work parallels the text book work. The laboratory work covering the metallic elements will take the form of a brief introduction to Qualitative Analysis.

Open to all young men of the college.

It is recommended that this course be taken in the freshman year, but it may be taken any time. The course may be taken by any of the young women of the college who wish to take the succeeding courses in chemistry.

Throughout the year, four hours.

CHEMISTRY I. B. GENERAL CHEMISTRY. This course is required of all those majoring in domestic science. The main features of the course will be very similar to those of Chemistry I. A. However throughout the course emphasis will be placed on those phases of the science relating especially to the household and daily life. The laboratory work will parallel the text book work throughout the year. The laboratory work covering the metallic elements will take the form of a brief introduction to Qualitative Analysis.

Open to the young women of the college, and if possible should be taken in the freshman year.

Throughout the year, four hours.

CHEMISTRY II A. QUALITATIVE ANALYSIS. This is primarily a laboratory course although lectures and quizzes will be given as may seem necessary. Many of the things studied in the beginning course will be amplified and a new emphasis placed upon them. Much attention will be given to equation writing and the rules which govern it. Group analyses of the base forming elements will be taken up followed by group analyses of the acid forming elements in much the same way. In both basic and acidic analyses as many unknowns as possible will be worked out. Unknowns involving both basic and acidic radicals are worked out. Finally alloys, ores, and more complex substances will be analyzed as time permits.

Open to all those who have had Chemistry I. A.

Throughout the year, three hours.

CHEMISTRY II B. HOUSEHOLD CHEMISTRY. This course is required of all those majoring in domestic science and will be arranged with a view to meeting their needs. The fundamentals of organic chemistry together with experiments illustrating the preparation and properties of typical organic compounds will be given. Physiological chemistry, in a brief form, accompanied by experiments illustrating its fundamental principles will receive attention. Food Chemistry will take up the remainder of the year. Considerable attention will be given to the analysis of foods with a view to the detection of those which are adulterated or misbranded. A great deal of the work throughout the year will be laboratory work. During the year a series of lectures covering the source, manufacture, and composition of foods and other household commodities will be arranged. These will be arranged at a time other than the one arranged for the class proper. Attendance upon them will be required of those taking the course but anyone who is interested will be welcome.

Open to all who have taken Chemistry 1. B.
Throughout the year, two hours.

CHEMISTRY III. QUANTITATIVE ANALYSIS. This course is largely a laboratory course. Both gravimetric and volumetric processes will be taken up. Whenever practicable the analytical processes studied will be applied to commercial products. It is the aim of the department to give the student a thorough grounding in the fundamental processes of Analytical Chemistry. During the year a thorough drill will be given in the fundamental chemical calculations. This course will alternate with Chemistry IV. Offered in 1916-17.

Open to all who have had Chemistry I. A. and II. A.
Throughout the year, four hours.

CHEMISTRY IV. ORGANIC CHEMISTRY.. This course includes a study of the theory of organic compounds, together with the making of various organic preparations. The course will alternate with Chemistry III. Offered in 1917-18.

Open to all who have had Cemistry I. A. and II. A.
Throughout the year, four hours.

CHEMISTRY V. TECHNICAL ANALYSIS. Courses in water analysis, ore analysis, or work preparatory to a graduating thesis may be taken up. Work in these special lines will be arranged as there is a demand for it.

DRAWING.

Miss Lamb.

First Year—

1. Representation. Charcoal drawing in light and shade from simple objects and from casts. Followed by simple work in water color.

2. Decoration. The designing of decorations in color for simple objects.

3. Construction The preparing of working drawings and patterns.

Throughout the work constant attention is paid to the best methods of teaching drawing, especially in the public schools.

At least two periods throughout the year.

Second Year—

The same general course is followed, but more advanced work is given in cast drawing and water color.

At least two periods throughout the year.

MECHANICAL DRAWING

Mr. Armstrong.

Construction of geometrical figures; isometric and orthographic projections; elementary working drawings; tracing and blue-printing; care of instruments and freehand lettering.

Twice a week throughout the year.

THE EARTH SCIENCES

Professor Tilton.

Students intending to major in this department are advised to take Chemistry I in the Freshman year, and Zoology I in the Sophomore year.

I. METEOROLOGY. The course opens with observational work requiring the use of various meteorological instruments, the preparation of a government monthly report, and the expression of data by diagrams. The various elements of weather and climate are next studied in detail following in part Salisbury's Physiography, advanced course, supplemented by individual study based on government maps. The study of climate is further extended by library work to include climatic conditions in various parts of the world, and the effect of climate on plant and animal life.

Open to all undergraduates.
Throughout the year, two hours.

II. GENERAL GEOLOGY. (General Facts and Principles.) The course begins with a study of the common minerals and rocks, followed by a study of local geology as found in a series of field excursions so planned as to develop from critical study a knowledge of conditions in southwestern Iowa and of processes now in operation. From the knowledge thus gained the class proceeds to the general principles of Structural and Dynamic Geology; and then, in Historical Geology, to the facts bearing on the prominent theories concerning the origin of the earth, and to the evolution of the continents and life in past ages. The presentation is designed to be consistent with Christian faith and to afford that knowledge of the past which should be the property of all well-educated people.

Throughout the year, two hours.

III. STUDY OF TOPOGRAPHIC MAPS AND GEOLOGIC FOLIOS. As the class work in General Geology proceeds that work is supplemented by a parallel course which may be taken either with that in General Geology (II) or at a later time. The first semester the effects of the various physiographic processes are studied as illustrated on government topographic maps. This semester's work should enable one to interpret a topographic map readily, and gain that information concerning maps which is especially desirable in teaching. The second semester the geological history of the United States is studied by means of Geologic Folios, the structure in different parts of the country studied, and the economic products noted.

The course as a whole not only gives information with reference to our country of value in any line of study, but also presents a portion of the facts on processes and structure that may be classed under Engineering Geology.

Open to students who are in General Geology (II), or have completed that course.

Throughout the year, two hours.

IV. GEOLOGY OF IOWA. The formations, topography and soils in Iowa are described in a series of lectures. References are given to the volumes of the Iowa Geological Survey and to other reports for collateral study.

Prerequisite, General Geology (II)

Throughout the year, one hour.

V. ADVANCED GEOLOGY. This course supplements work of the preceding courses. Each member of the class chooses the line of investigation which he wishes to pursue and proceeds to as extended and critical study as his previous training and his time permit. The class work is conducted either on the seminar plan or by individual conferences as may seem best, and at such time as may be agreed upon, Two, three or four hours may be elected. The following are some of the courses open:

(a) Geology and Physiography, based on library study, with special reference to travel in foreign lands.

(b) Theories of Geology, based on library study.

(c) The Geological History and Evolution of Vertebrata (a two-hour course). (Students who may wish to study the migration, distribution and relation of Mammals from the standpoint of Geology, omitting the other classes of Vertebrates, will be admitted to this section at the proper time.)

(d) Crystallography. The treatment of this subject includes both the study of crystalline form from models and specimens and the microscopic study of rock-forming minerals. (Mineralogy, Courses VI and VII, are prerequisites.)

An extension of any one of these courses affords opportunity for the preparation of a report (or for a thesis).

Prerequisite, General Geology (II) and Study of Topographic maps and Folios (III)

Second semester, two, three or four hours.

VI-VII. MINERALOGY, DETERMINATIVE AND ECONOMIC. The study opens with a brief course of lectures designed to prepare the student to recognize the various systems of crystals and their characteristic cleavages. Then various minerals are identified by blowpipe methods; their manner of occurrence and economic value are considered, following Riess's Economic Geology. The first semester is given to the study of non-metallic minerals. As the minerals are identified, specimens are properly numbered, labeled and catalogued; they become the property of the student.

In the second semester special attention is given to important metallic minerals, following the plan pursued in the first semester. The course closes with a study of the classification of the minerals in the college collection.

Prerequisite, General Chemistry.

VI. First semester, two hours; VII. Second semester, two hours. The courses will be given in 1917 1918 and in alternate years thereafter.

VIII. INVERTEBRATE PALÆONTOLOGY. Assuming a general knowledge of Invertebrates from the study of Zoology, the distribution in time of the various Sub-kingdoms is considered in order, and the variations which have taken place in each group. The presentation is from the biological side, but the groundwork is laid for the study of the use of fossils in determining the age of strata, and for the study of faunas. The course will supplement both Invertebrate Zoology (I) and General Geology (II).

Prerequisite, Zoology.

First semester, two hours. This course will be given in 1916-17, and in alternate years thereafter.

IX. VERTEBRATE PALÆONTOLOGY. Assuming a general knowledge of Vertebrates from the study of Zoology, the general facts of each Class are reviewed, then the distribution in time of the various Classes is considered and the variations which have taken place in each Class. Finally, the present distribution of animals and the bearing of past life upon present distribution are considered.

This course will supplement Vertebrate Zoology (I), Mammalian Anatomy (VI), and General Geology (II).

Second semester, two hours.

ECONOMICS.

Professor Klinger.

I. PRINCIPLES OF ECONOMICS. The work of this course will be to lead the student into a knowledge and appreciation of the economic history of England, but more especially of the United States; also to make him familiar with the elementary concepts of economic science as illustrated in the subjects of production, consumption, and exchange.

Not open to Freshmen.
Throughout the year, three hours.

II. BUSINESS ORGANIZATION. A study of the principles of modern business organization and corporation finance.

Open only to those who have had Economics I or its equivalent.
First semester, two hours. Not given in 1916-17.

III. MONEY AND BANKING. A study of the nature and functions of money and the instruments of credit; the functions of banks, and the machinery and practice of banking.

Open only to those who have had Economics I and II or their equivalent.

Second semester, two hours. Not given in 1916-17.

EDUCATION.

Professor Weir.

I A. PRINCIPLES OF METHOD AND MANAGEMENT. An introductory study of the qualifications and duties of the teacher, the purpose of the school, characteristics of children and stages of child-growth, the course of study, classifying and grading pupils, school programs, the psychological basis of methods of teaching, class management, government and discipline, habit formation, incentives and punishments, hygiene of the pupil and the school. Colgrove's "The Teacher and the School" is used as a text. The course is especially planned for students in the two-year Normal course.

Open to Freshmen.

First semester, two hours a week.

II B. HOW TO STUDY. The purpose of this course is to aid the student in acquiring correct habits of study and in gaining an intelligent understanding of the learning process. Designed especially for Freshmen and students in the Normal course.

Second semester, two hours.

II A. PRINCIPLES OF EDUCATION. A study of the principles underlying modern systems of education, the general aim and the scope of education, individual and social aspects of education, the biological aspect of education, formal culture, education as adjustment stages in education and the special aim of each stage, selection and arrangement of the material of instruction, the doctrines of interest, apperception, habit formation, concentration and correlation of studies, moral growth and character formation, etc. Lectures, reports on assigned readings, class discussions.

Open only to Juniors who have had at least three hours of Psychology.

First semester, three hours.

II B. CHILDHOOD AND ADOLESCENCE. A study of physical, mental and moral development in childhood and adolescence with special reference to educational principles and correct methods of guidance and control. The course includes an examination of the methods of child study and some acquaintance with the literature of the subject.

Open only to students who have had at least three hours of Psychology.

Second semester, three hours.

III. HISTORY OF EDUCATION. A study of the development of educational ideals and practice from the earliest times to our own day. Emphasis is placed on the theoretic conceptions and the social forces which were especially influential in determining specific forms of organization or the spirit and content of instruction at different stages of educational development. A careful study of the doctrines of educational leaders and reformers is made, and of their influence upon practice. The course concludes with a review of the progress of education in the nineteenth century, special attention being given to the evolution of national school systems and to the influence of the modern scientific and social spirit.

Open to Sophomores and second year Normal students.
The course continues through the year, but may be taken for either semester, three hours a week.

IV A. SECONDARY EDUCATION. A study of the aim and scope of secondary education as related to the elementary school and the college and to vocational aims. Methods of administration and instruction in secondary schools. The elective system, vocational and cultural subjects, specialization in the high school, moral and social phases of secondary education.

Open to Seniors only.
First semester, three hours.

IV B. SOCIAL ASPECTS OF EDUCATION. The social origin of educational agencies, the school as a factor in social progress, relation of the school to the home and the community, the school as a social center, the relation of education to social stability and to social reform, the education of defectives and delinquents, the community life of the school as related to moral training, the social significance of school plays and games, industrial and vocational direction as a function of public education.

For advanced students only.
Second semester, three hours, alternates with IV (C).

IV. C. ORGANIZATION AND ADMINISTRATION OF PUBLIC EDUCATION. A study of principles and methods of school organization and management. National and state functions in education, local units of educational administration, the city school systems, forms and functions of state and local supervision, school buildings, furnishings and equipment, the teaching staff, courses of study, grading and promotion, correction and discipline, special types of public education.

For advanced students only.
Second semester, three hours, alternating with IV (B).

V. PRINCIPLES AND METHODS OF RELIGIOUS EDUCATION. Brief review of psychological principles; salient characteristics of childhood and adolescence; fundamental principles of character building; essentials of the psychology of religion; conditions and methods of successful teaching; courses of study for Sunday School classes; interpretation and organization of subject matter; the teacher's preparation of the lesson, presentation and criticism of sample lessons; relation and responsibility of the Sunday School teacher to the School as a whole.

Second semester, two hours.

ENGLISH LANGUAGE AND LITERATURE.

Professor Goodenough, Professor Warner and Associate Professor Chassell.

The purpose of this department is two-fold; to develop facility and accuracy in the use of the English language, and to aid the student to an appreciation of good literature by a study of selected masterpieces.

ENGLISH LANGUAGE.

ENGLISH I. ENGLISH COMPOSITION. A study of the principles of composition in which the student develops his command of English by both prepared and extemporaneous themes. Special attention is given to exposition, methods in taking notes, and argumentation. Required of Freshmen in all courses.
First semester, two hours.

ENGLISH II. ENGLISH COMPOSITION. A continuation of English I with special attention to description, narration, and the oration. Required of all Freshmen in all courses.
Second semester, two hours.

ENGLISH III AND IV. ADVANCED COMPOSITION. A course in which the general principles governing the best forms of literary composition are studied with practice in original production. This course is designed to give training in forceful and artistic writing. Prerequisites English I and II. Required of all majoring in English.
Throughout the year, two hours.

ENGLISH LITERATURE

LITERATURE I. THE INTERPRETATION OF LITERATURE. In this course the various literary types will be considered and illustrative works will be studied. The aim of this course will be to gain a point of view and a method in the study and interpretation of literature. Required of all students.
First semester, three hours.

LITERATURE II. PERIODS OF LITERATURE. This course will take up a study of the main historical periods of English literature with special emphasis upon the sixteenth, eighteenth and nineteenth centuries. Required of all students.
Second semester, three hours.

LITERATURE IV. AMERICAN LITERATURE. A survey of American literature as a history of the intellectual development of the American people. The prerequisite is Literature I.
Throughout the year, two hours.

LITERATURE V. ENGLISH DRAMA. A study of the development of the English drama from the earliest time to the time of Shakespere with careful attention to dramatic technique. Three or four of the early plays of Shakespere are studied and compared with the works of other dramatists of the period. Literature I and II are prerequisites.

First semester, three hours.

LITERATURE VI. SHAKESPERE. A study of the plays of Shakespere from class lectures and collateral readings. Literature V is a prerequisite.

Second semester, three hours.

LITERATURE VII. ROMANTIC POETS. This course will consist of an interpretative study of the principal romantic poets with special emphasis upon Burns, Wordsworth, Byron, Shelley and Keats.

Throughout the year, three hours. Not offered in 1916-17.

LITERATURE VIII. VICTORIAN PROSE WRITERS. In this course representative works of the principal prose writers of the Victorian period will be studied with special emphasis upon Ruskin and Carlyle.

First semester, two hours.

LITERATURE IX. VICTORIAN POETS. All of the important poets of this period will be considered, but the main emphasis will be placed upon Tennyson during the first semester, and upon Browning during the second semester.

Throughout the year, three hours.

LITERATURE X THE ESSAY. A study, historical and critical, of the essay as a literary form from Bacon to the present time. The main emphasis will be placed upon reading and interpreting representative essays of Bacon, Addison, Swift, Lamb, Ruskin, Carlyle, Emerson, Stevenson, Pater, and some contemporary writers.

Throughout the year, two hours. Not offered in 1916-17.

LITERATURE XII. LITERARY CRITICISM. The aim of this course is to give the student a knowledge of the fundamental laws and principles of literary art with some practice in applying such knowledge to the study of various masterpieces of literature.

Open to Juniors and Seniors.
First semester, two hours. Not offered in 1916-17.

LITERATURE XIV. RECENT AND CONTEMPORARY LITERATURE. This course will take up the study of various important writers of our own day, the aim being to show how the intellectual and social unrest of the present is reflected in literature.

Throughout the year, two hours.

LITERATURE XV. THE ENGLISH NOVEL. This course will consist of a critical study of the novel as a literary type. Representative novels from Scott, Dickens, Thackeray, Meredith and Hardy will be studied. Not offered in 1916-17.

Second semester, two hours.

LITERATURE XX. This course is primarily arranged for those who intend to teach English in the high school. The work includes a survey of the literary periods, a study of the literary types, and a critical analysis of some of the work required for college entrance, with special emphasis upon methods of presentation in the class room. This course is open to Seniors who have majored in English and to others who secure the consent of the instructor. It is desired that those who are to be recommended as teachers of English enter this course.

Second semester, two hours.

FRENCH.

Professor Hier.

I. ELEMENTARY FRENCH. Giese: Graded French Method. Talbot: Le Francais et sa Patrie, Labiche et Martin, Le Voyage de M. Perrichon.

No credit given until 8 hours of work are completed.
No credit will be given for less than one year.
Throughout the year, four hours.

II. INTERMEDIATE FRENCH. Fraser and Squair. Part II. Reading from the works of standard French writers.

Throughout the year, four hours.

III. (a) Seventeenth Century Literature Readings from Corneille, Racine, Moliere, La Fontaine.

Reference text, Doumic—Histoire de la Litteraire Francaise.

First semester, three hours.

(b). Studies in Contemporary Literature. Readings from Lavedan Coppee, Loti, Rostand, Bazin, Bourget, Anatole France.

Reference, Doumic—Le Theatre Nouveau. Doumic—Le Theatre contem porain.

Second semester, three hours.

IV. MODERN FRENCH. Study of modern French novels and plays, taking as a basis Pellessier's "Le Mouvement Litteraire au XIX Siecle," Knapp's Modern French readings, Maupassant's Contes Choisis, Rostand's "Cyrano de Bergerac" and "Chanticler," St. Beuve's "Les Cruseries du Lundi," Balzac's Eugenie Grandet, Hugo's "Notre-Dame de Paris."

Throughout the year, three hours.

GERMAN.

Professor Jend

The aim of this department is to give the student a knowledge of the language, literature and customs of Germany. Emphasis is placed on conversation and every effort is made to help the student acquire ease in reading and understanding the language.

I. ELEMENTARY. B. J. VOS "Essentials of German" used as a basis for grammatical exercises. The course aims to give the student thorough training in the fundamentals of grammar, to accustom his ear to short German sentences and to enable him to read simple prose.

Texts—Mueller and Wenkelbach's "Gluck Auf," Bacon's "Im Vaterland," "Altes und Neues," Storm's "Immensee."

No credit given until 8 hours of work are completed.

Throughout the year, four hours.

II. ADVANCED GRAMMAR AND COMPOSITION. Reading and writing of short stories and essays. German is used in the class room.

Texts—Schiller's "Wilhelm Tell." Wildenbruch's "Das edle Blut," "Neid," Goethe's "Hermann und Dorothea," Fouque's "Undine," Freytag's "Die Journalisten."

Prerequisite Course I.

Throughout the year, four hours.

III. GERMAN CLASSICS. Study of German Classics. The writing of German essays and simple stories is continued. The study of German Literature from the Nibelungenlied to Young Germany is taken

Texts—Schiller's "Wallenstein's Tod," Goethe's "Egmont," Lessing's "Nathan der Weise." A short German novel read outside of class and reports given.

Prerequisite Courses I and II.

Throughout the year, three hours.

IV. MODERN GERMAN. This course consists of the study of modern plays with the social and political conditions.

Texts—The works of Hauptman, Sudermann, Wildenbruch. Second semester devoted to Goethe's "Faust," Part I.

Prerequisite Courses I, II, III.
Throughout the year, two hours.

V. SEMINAR. The seminar for 1916-17 will study the development of the German novel after Goethe. Leading novelists and their works will be taken up.

Throughout the year, two hours.

VI. METHODS. Historical grammar, also review of the principles of grammar, phonetics, and a study of several first and second year texts.

Prerequisite Courses I, II, III.
Second semester, two hours, 1916-17.

GREEK.

Professor Baker.

I. and II. ELEMENTARY GREEK. These courses are provided for those who do not offer Greek for entrance. They cover the elements of the language, including constant oral practice. Rouse's Greek Boy is used during part of the year, reproduction of oral material being required.

First and second semesters, four hours each.

III. LOWE'S WARS OF GREECE. This text is an adaptation in Attic Greek of selections from Herodotus. Some collateral reading in the history of Greece is required.

IV. SELECTIONS FROM LUKE'S GOSPEL. Direct reading of the text is an important feature of the course.

Second semester, four hours.

V. PLATO. Selections. Collateral reading.

First semester, four hours.

VI. THE ILIAD AND ODYSSEY OF HOMER. Selections.

Second semester, four hours.

Courses in the drama will be offered on demand, in alternate years.

HISTORY.

Professor Klinger.

I. GREEK HISTORY. A careful survey of Greek civilization from early times to 146 B. C. Special attention will be given to the development of the literature, philosophy, and fine arts of the Greeks.

First semester, two hours.

II. ROMAN HISTORY. From the earliest times to 800 A. D. Emphasis will be placed upon the period from 133 B. C. to 180 A. D. The decline of Rome, the rise of Christianity, and the transition period from 400 to 800 A. D., will be carefully developed.

Second semester, two hours.

III. EUROPEAN HISTORY A. An introductory course in general movements of institutional life from the Germanic migration to the Reformation. Text book, collateral readings, and reports on special topics.

First semester, three hours.

IV. EUROPEAN HISTORY B. From the Reformation to the present time. Open to students who have had European History A.

Second semester, three hours.

V. ENGLISH HISTORY A. Seventeenth Century English History 1603-1714. Text book and lectures on the political history; collateral readings and special topics on the constitutional, industrial, religious, and social history of England.

First semester, three hours.

VI. ENGLISH HISTORY B. Nineteenth Century English History 1800-1914. This course shows modern England with her economic and social, her religious and political problems, and seeks to explain causes and results.

Second semester, three hours.

VII. AMERICAN HISTORY, 1763-1861. From the close of the great century of conflict with France to the Civil War; a study of union and disunion. The method of this course is, in part, that of the seminar. Topics for investigation and report are assigned. A text book, however, will be used to supplement the reports. Open to Juniors and Seniors.

First semester, three hours.

VIII. AMERICAN HISTORY. 1861-1914. A study of the recent history of the United States in its political, financial, economic, social, and intellectual progress to the very present. The same method and text will be used as mentioned above, in Course VII. Open to Juniors and Seniors.

Second semester, three hours.

IX. HISTORICAL METHODS. This course will treat of the nature of History, the instruments in the interpretation and organization of historical material for teaching purposes, and from the viewpoint of the student and of the teacher; exercises in interpreting and organizing a special limited field. Critical examination of text books in History, in the light of principles discovered of the evoluton and interpretation of facts, their organization, etc., and the making of lesson plans. Open to those who have had twelve hours of History.

Second semester, two hours.

LATIN LANGUAGE AND LITERATURE.

Professor Hunting.

The work of this department is designed to give the student a comprehensive view of Roman life by the study of masterpieces of literature, by review of construction and composition based on the texts read, and by the study of classical mythology and geography, of Roman political history, and history of the literature, and of private life, topography and monuments.

Prerequisite, four years of Academy or H. S. Latin.

I A. CICERO. De Senectute. TACITUS, Agricola.

First semester, four hours.

I B. LIVY, selections from the History. VIRGIL, selections from the Georgics.

Second semester, four hours.

Any of the other courses may be taken after I, A and B.

II A. HORACE, selections from the Odes, Satires and Epistles.

First semester, three hours.

II B. PLAUTUS or TERENCE, one play. Selections from the Roman Poets.

Second semester, three hours.

III A. JUVENAL, Satires. Study of Roman Private Life.

First semester, two hours.

III B. MARTIAL, Epigrams. Study of Roman Private Life.

Second semester, two hours.

(Course III will be offered in 1916-1917.)

IV A. ROMAN PUBLIC LIFE.

First semester, two hours.

IV B. REVIEW OF LATIN GRAMMAR.

Second semester, two hours.

V. CLASSICAL SEMINAR.

The work in Course V varies from year to year. Its scope and topics may be inferred from the statement of the purpose of the work of this department on the preceding page.

Throughout the year, one hour.

MATHEMATICS.

Professor Emmons.

While the principal objects of the course in Mathematics are mental discipline and training in logical thinking, the application to the problems of everyday life of the power of analysis acquired, incidentally proves that the subject has a high utilitarian value. The student receives the subject matter through the text book and frequent lectures. Problems are assigned and occasional tests are conducted to ascertain the progress of the student. Besides meeting the needs of the student in liberal arts, the courses described below are planned to fit students for technical training in engineering schools, for graduate study in higher institutions, or for department teaching in high schools.

Those who major in Mathematics are expected to complete Courses I-VIII, except that ladies are advised to substitute Mechanical Drawing for Surveying.

I. MATHEMATICS. After a short review of algebraic reductions, the binomial theorem, elementary graphs, theory of limits and logarithms will be studied. Then plane trigonometry will be presented. The trigonometric functions will be used in the solution of triangles. Attention will be given to trigonometric analysis. Required of all Freshmen.

First semester, three hours.

II. MATHEMATICS. Prerequisite Course I. This course includes the study of progressions, infinite series, approximate calculations, undetermined coefficients, partial fractions, permutations, combinations, probability, determinants and theory of equations. If time permits a few lessons will be devoted to statistical analysis and the elements of least squares.

Second semester, three hours.

III. PLANE SURVEYING. After studying the plan of construction and the adjustments of the standard instruments, the student learns the essentials of plane surveying. Practical problems which involve the use of chain, transit or level in the field are assigned. The student is required to keep a field note book of all surveys and problems.

Second semester, two hours. Hours for field work will be arranged after the class is organized.

Laboratory fee, $1.00. Prerequisite I.

IV. ANALYTIC GEOMETRY, PLANE AND SOLID. Geometric configurations are studied by co-ordinate analysis. Cartesian and polar co-ordinate systems form the basis for the study of rectilinear figures, the circle, other conics, and higher plane curves. Planes, straight lines in space, and various quadric surfaces are represented by algebraic equations. Prerequisites I and II.

First semester, five hours.

V. DIFFERENTIAL CALCULUS. A study of the theory of limits is followed by a study of derivatives of various classes of functions. Expansion of functions is introduced and the properties of curves of higher order are investigated by means of the derivatives. In this course emphasis is laid upon the differential calculus, though the formulas of integration and some of the elementary applications of that branch of calculus will be included. Prerequisite IV.

Second semester, five hours.

VI. DETERMINANTS AND THEORY OF EQUATIONS. The essentials of the theory of determinants and the principal applications, also the properties of algebraic equations of general and special types and practice upon numerical equations of higher degree will constitute this course. Prerequisite V.

Second semester, four hours.

VII. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS. This is a continuation of Course V. The emphasis is laid upon integration and the various applications to geometry, physics and theoretical mechanics. Special methods of integration of functions and of certain differential equations will be given. Prerequisite V.

First semester, four hours.

VIII. ASTRONOMY. A course in descriptive astronomy, including popular information concerning celestial co-ordinates, astronomical instruments, constellations, double and variable stars, nebulas, sun, moon, planets, comets and meteors. The history of astronomy receives attention. Some observational work is done with the four-inch equatorial telescope. Prerequisite I.

Second semester, four hours. Not given in 1916-17.

IX. STATISTICS. The aim of the course is to give a mathematical basis for statistical analysis, especially to those interested in sociological and economic problems. A few lessons are devoted to the history of statistical study. The most approved methods of collecting, tabulating and analyzing statistics will be presented. The types and averages in common use are studied with reference to their comparative advantages.

First semester, two hours. Not given in 1916-17.

X. SEMINAR. Time and nature of work to be arranged with the students concerned. It is desirable that the student pursue this course throughout a year.

PHILOSOPHY.

Professor Morley.

Philosophy deals with the fundamental principles which lie at the basis of all knowledge. It seeks to co-ordinate and unify all departments of human knowledge. Its chief personal and cultural value lies in the wide outlook, and the true understanding and valuation of life and nature which it gives, and in the development and discipline of the analytical and logical powers of the mind. From the practical standpoint it is essential to the best foundation for law, theology or other professional studies calling for the most accurate and consistent reasoning. The purpose of the department is to open this field of study to the student and to bring some of the more important results of philosophic inquiry into close relation to the practical needs and problems of present-day life.

I. GENERAL PSYCHOLOGY. This course presents the main facts, laws and interpretations of the mental life. These are studied in an introductory way during the first semester and with more detailed and intensive method during the second semester. Two texts are studied and their use is supplemented by written exercises and class discussions. Lectures are given upon special phases of mental life, upon comparative psychology and upon dreams, sleep, hypnosis, hallucination, and other forms of abnormal psychology. The lectures are supplemented throughout by experiments and demonstrations before the class.

Open to Sophomores.

Throughout the year, three hours.

II A. PHILOSOPHY OF THOUGHT AND LANGUAGE. An introductory course in Theory of Thought and Knowledge. The philosophy of good thinking with some study of the fundamental laws of thought and the rational processes by which we come to our judgements and beliefs. The work will include a brief study of the development of language and its function as the instrument of thought.

Lectures, Class Discussions, Collateral Reading. Required of all majors in Philosophy.

First semester, two hours.

B. LOGIC. A study of deductive and inductive logic, with practical exercises in the use of the logical forms, and emphasis upon their limitations. Creighton's Introductory Logic is the text.

Second semester, two hours.

III. INTRODUCTION TO PHILOSOPHY. This course is intended for the general student who wishes to know something of the philosophical problems that have engaged human thought; and it is as well a preparation for those who wish to pursue the more advanced courses in philosophy. An attempt will be made to present the various philosophical systems in relation to the science and general civilization of the periods to which they belong. Roger's "A Student's History of Philosophy" will be used as a text. Open to Juniors who have completed Psychology I. Required of all majors in Philosophy.

First semester, four hours.

IV. MODERN PHILOSOPHY. In this course it is proposed to examine systematically and critically the leading types of philosophical theory from Kant to the present time, and to study some of the fundamental metaphysical problems, and the methods and principles that modern philosophy employs in their solution. Open to Juniors who have had Course III. Required of all majors in Philosophy.

Second semester, four hours.

V. ETHICS. After a study of the different types of ethical theory this course considers the origin and the authority of the moral law, the functions of conscience, and the rational principles which may be brought to bear upon the ethical aspects of current judicial, social and commercial problems. Seth's Ethical Principles" is used as a

text book. Open to Juniors. Required of all majors in Philosophy.
First semester, three hours.

VI. THESIS COURSE. This course consists in prescribed readings in investigation of some subject in philosophy approved by the head of the department. This study and the preparation of a thesis will continue throughout the year. The time of conferences and for the presentation and defense of the thesis will be privately arranged. Open to Seniors who major in Philosophy. Maximum credit two hours.

VII. PHILOSOPHICAL SEMINAR. The aim of this course is to supplement the work in Courses III IV by a more intensive study of the problems there raised. It will aim to give an acquaintance with leading philosophical systems in their original form. A reading knowledge of French and German, while not required, will be of advantage. The work will be mainly individual study under the direction of the head of the department, with weekly conferences and discussions. Open to Seniors who major in Philosophy. Maximum credit, two hours.

Second semester meets once a week.

Note.—Course II will be given by the President.

THE HISTORY AND PHILOSOPHY OF RELIGION.

President ______________.

A thorough modern education demands some serious study of the development of the religious consciousness as seen in primitive forms of worship and in the great ethnic religions of the world. The greatness of Christianity can be appreciated only by the contrast with other religious systems. The object of the work in the Study of Religion is to present the truth of a gradual unfolding Revelation of the Devine in human life. The method is historical. Matters of criticism which do not touch Christian faith are kept in the background, the purpose of the work being positive and constructive, not critical.

In the College course the thoughtful student finds his horizons of knowledge widening and some of his beliefs and standpoints shifting. One of the aims of this department is to afford guidance to the student through this transition period, so that while he may change his viewpoints, his religious faith may not lose its spiritual content, but may be deepened.

I. HISTORY OF RELIGION. A study of primitive religious beliefs, practices, and forms of worship followed by a brief study of several of the non-Christian religions. Menzies' History of Religion is used in part as the text, supplemented by lectures and collateral reading.

Open to all who have had English Bible I and II.
The first semester, two hours.

II. A STUDY OF THE CHRISTIAN RELIGION. The work begins with a study of the growth of Judaism after the Babylonian exile. Following this the origin and growth of Christianity are traced. The great fundamental teachings of the Christian religion are considered, such as the growth of the divine revelation, the personality of God, the immanence of God, the divine authority of Jesus Christ, conceptions of the natural and the supernatural, the belief in personal immortality. The object is to present in outline a philosophy of Christianity and to indicate the way to a firm foundation for positive Christian faith, which shall be in harmony with modern ways of thinking. Lectures, required readings, and class papers.

Open to all who have had English Bible I and II.
The second semester, two hours.

COLLEGE PHYSICS.

Professor Tilton

Mr. Clare Blattenberg Laboratory Assistant.

I. REVIEW PHYSICS. Each Friday throughout the year there will be an opportunity to review Elementary Physics afforded Seniors who have registered in Courses II or III. This review work is so arranged that those who have had Course II can review the elements of the remainder of the subject by electing the second semester of Physics I, and those who have had Course III can review the elements of the remainder of the subject by electing the first semester of Physics I. Registration may be for the whole course or for any part of it.

Each semester, one hour.

II. MECHANICS OF SOLIDS AND FLUIDS in the first semester, SOUND AND HEAT (including Thermodynamics) in the second semester.

Each semester, beginning in the odd years, four hours. (On laboratory days, 1:30 to 3:30.)

III. MAGNETISM AND PART OF ELECTRICITY the first semester. ELECTRICITY AND LIGHT the second semester.

Each semester, beginning in the even years, four hours. (On laboratory days, 1:30 to 3:30.)

GENERAL EXPLANATION, PHYSICS II and III: It is advisable, though not required, that Physics II precede Physics III. For admission, grades in Trigonometry are necessary. When advisable, registration is permitted for partial courses.

The various subjects are presented partly by text books with recitations thereon, and partly by lectures. The class work on each subject is then followed by a laboratory course consisting of the following: (a) Important experiments of an illustrative character which may have been omitted in a preparatory course. Those who have had suitable preparatory work will omit this division of experiments and proceed to the following: (b) Experiments in Physical Measurement, and (c) experiments especially bearing upon Engineering. The entire course is planned to emphasize the bearing of each subject upon engineering problems, and to give a good preparation for further technical and engineering courses. It is also planned to prepare those to teach who wish to teach Physics in high schools.

Those who are unable to take both Physics II and III will find the following the next best combination of courses: Physics II and the second semester of Physics I, or Physics III and the first semester of Physics I.

IV. SPECIAL PHYSICS. This course is especially for those who are majoring either in Physics or in the Physics side of the Pre-engineering group. It will consist of individual laboratory work upon some problem bearing on future life work in engineering, followed by the preparation of a written report, or thesis, on the problem assigned. In this work those who are to take up Electrical Engineering will continue the study of the alternate current, which was begun in Physics III.

Either semester, by special arrangement. A maximum of four semester hours of credit is allowed.

PHYSICAL TRAINING.

With the opening of the new gymnasium, this department has been re-established upon broad lines. The fine equipment now available enables us to offer thorough training in Physical Culture under the best conditions.

The purpose of the Department of Physical Culture may be expressed in words taken from the address of Mr. Hopper in which he presented the gymnasium to the college. Mr. Hopper said: "The time has come when every college should establish a department for physical efficiency, manned by an educational instructor with special training, with high ideals and fine character; a man who understands human nature and human needs, whose business would be to look out for the physical welfare of each student under his care, whose aim should be that every student attain his greatest physical efficiency. There is no reason why college students should not graduate with an elastic step, graceful carriage, pleasing bearing, well-developed body and habits formed which will permit good health and tend to longevity."

To realize this aim the Department of Physical Education provides suitable training for the physical well-being of the students. Regular and systematic exercise is of the greatest importance to those leading a sedentary life and for this reason gymnasium work or its equivalent in athletics has been made compulsory.

Two hours of gymnasium work per week are required of every student for three years. College credit for this work is given in the usual laboratory ratio of two to one. Delinquencies are subject to the same regulations as any class room work.

PHYSICAL TRAINING FOR MEN.

Harold Pemble, Director.

Each man is given a medical examination at the beginning of the college year by a physician and a physical examination by the director of the gymnasium. Records of this examination are kept on file by means of anthropometric cards and charts.

Gymnasium work for men is graded to suit the needs of individual students as far as possible and is designed to be corrective whenever needed. To develop an easy and graceful carriage, an erect bearing and to aid the body in its functions are the purposes of this training. With the consent of the director, athletics may be substituted for gymnasium work.

The different athletic sports are encouraged in a moderate and sane way, and are regarded as a part of the regular physical education. This includes football, basketball, track, baseball and tennis.

A description of the gymnasium building has already been given under the head of general equipment of the college. But some description of the equipment for the physical training may be in order. The apparatus is of the latest type and is most complete. It includes stall bars, flying and traveling rings, parallel and horizontal bars, horizontal ladder, 24 chest weights. Besides this, there are horses and bucks, an adequate supply of dumb bells, wands and Indian clubs, a rowing machine and long rubber mats for indoor sprinting.

First Year—

Drill and marching. Setting up exercises. Light work on parallel bars, rings and ladder. Work with chest weights.

Two hours per week.

Second Year—

Drill and marching. More advanced work on heavy apparatus. Work with dumb bells and wands.

Two hours per week.

Third Year—

Advanced work in heavy apparatus. For those desiring it, work will be offered in the methods of teaching Physical Culture.

Two hours per week.

PHYSICAL CULTURE FOR THE WOMEN.

June Hamilton-Rhodes, Director.

The work for women in Physical Training has for its chief aim the correction of faulty physical traits, the promotion of grace and agility, the knowledge of the care of the body required for perfect functioning of its parts, a love of recreation, of the open and the formation of the habit of systematic exercise, which will be continued by the student long after college days are over.

At the beginning of the college year each girl is given a physical examination by the director, assisted by a woman physician. The results are tabulated and kept on file in the director's office. Each young woman is required to take two hours of Physical Culture per week, and all students who need corrective work are given special exercises. During the year lectures in personal and public hygiene are given and each young woman is free to consult with the director at any time. No girls are allowed to participate in any athletic sports or games without permission of the director, after a thorough examination by director and assisting physician. The object of this department is to build up, not tear down, so that each young woman may be able to keep herself in the best of physical condition in order that she may derive the greatest benefit from her college work and arrive at her highest degree of efficiency.

Each young woman is required to furnish her own gymnasium suit and shoes. These are ordered by the college at a cost of $3.75 for suits and $1.50 for shoes.

First Year—

October. Physical examination, prescriptions and demonstrations of special corrective exercises.

November. Floor work, marching, setting up exercises, elemental rhythmic steps. Beginning light apparatus, dumb bells and Indian clubs, wands.

December. Folk dancing, beginners' classes, gymnastic games, first exercises, rings and chest weights.

January. Continuation of elementary rhythmic exercises and light apparatus.

February. Continuation of work of January, introduction of parallel bars, stall bars, Swedish horse, simple exercises.

March. General review of first year's work.

April. Exhibition of work during first week followed by training for athletic sports by those eligible. Chest weights emphasized.

May. Grading of students for following year classes, leaders selected, examination of Senior class, all work this month done outside of gymnasium, tennis, hockey, cross country, jumping and running.

Second Year—

Monthly gradation of work as in first year—advanced work in light and heavy apparatus, folk dancing, advanced classes—advanced rhythmic work. Beginning class in pantomime.

Third Year

Monthly gradation of work as in first year. Advanced apparatus, light and heavy—original drill work—original rhythm work—advanced folk dancing and pantomime. Original pantomime of familiar folk lore.

POLITICAL SCIENCE.

Professor Klinger.

I. POLITICAL SCIENCE. An introductory course in the study of the main conceptions and principles of political science. Text book, collateral readings, and reports on special topics. Not open to Freshmen.

Throughout the years, two hours. Not offered in 1916-17.

IV. AMERICAN GOVERNMENT AND POLITICS. The aim of this course is to give the student a knowldege of his own local county, city and state government and then to pass to a sudy of the national government and of the organization and operation of political parties therein. Open to Juniors and Seniors. Not open to Freshmen.

Throughout the year, two hours.

PUBLIC SPEAKING.

Professor Warner.

The purpose of our courses in Public Speaking is to present in a practical and effective manner the essentials of platform work and, by class exercises and training, to develop in individuals the most effective manner of public address. The emphasis will be laid upon the direct conversational type of speaking.

I. VOCAL CULTURE AND ORATORY. A study of pronunciation, enunciation, directness, emphasis, etc., with exersises to develop vocal energy, purity and flexibility of voice. Selections are committed and recited before the class. Required of all.

First semester, two hours.
Second semester, two hours. (Course repeated.)

II. ORATORY AND INTERPRETATION. Continuation of Voice Drill begun in Course I. Special attention to gesture. Further drill on masterpieces of oratory, with a view to cultivating appreciativeness, poise, melody, and mastery of an audience. Considerable work in interpretative reading of emotional poetry.

Prerequisite 1.

III. CONSTRUCTIVE ORATORY. A study of the modern oration, modern styles of oratorical composition in comparison with classical forms. Especial attention to the modern college oration. A finished oration required of every one in class, together with other prepared papers. Private training in delivery given on orations written in the class. Valuable opportunity to write orations for the various college contests.

Prerequisite, I and II.
First semester, two hours.

IV. EXTEMPORANEOUS ORATORY. A study of the field of extempore speech, with practice in speaking on topics suitable to various occasions.

Prerequisite, I and II.
Second semester, two hours.

V. DEBATING. A study of the art of debate, and the principles of argumentation. Persistent practice in brief drawing on assigned questions. Work on preparation of rebuttal. Frequent drill in actual debating, with especial attention to delivery.

Prerequisite, Course I.
First Semester, two hours.

The Forensic League of Simpson College each year sends representatives to the various State contests in Oratory, The Intercollegiate, the Peace, and the Prohibition. A number of intercollegiate debates are also scheduled each year. Students ambitious to participate in any of these are urged to take Courses I and V as early in their college work as possible.

SOCIOLOGY.

Professor Weir.

I. PRINCIPLES OF SOCIOLOGY. An elementary and introductory course dealing with the general principles, methods and problems of sociology illustrated by reference to concrete conditions of the present day. Ellwood's "Sociology and Social Problems" or some other introductory text will be used, supplemented with lectures and assigned readings. Open to Sophomores.

First semester, three hours.

II. PROBLEMS OF SOCIAL REFORM. Some attention will be given to social psychology and principles of social hygiene as a basis for the study of current social problems, such as poverty, dependency, delinquency, crime, intemperance, defective and degenerate classes, social vices, social therapeutics and social sanitation. The special problems treated vary from year to year. Smith's "Social Pathology" or Henderson's "Dependents, Defectives and Delinquents" may be used as texts. Open to Sophomores.

Second semester, three hours.

III. AMERICAN CITY PROBLEMS. A study of social conditions of the city, including methods of city management, public utilities, home life, city sanitation, cost of living, condition of the industrial classes and the poor, treatment of delinquents, education, recreation, etc. Beard's "American City Government" is used as a text. Howe's "The City, the Hope of Democracy" and several other works, as well as magazine articles, are used for reference. Open only to students who have had Sociology I.

Two hours, first semester.

IV. RURAL SOCIOLOGY. A study of the conditions and problems of social life in the country and of rural social institutions. The problems of the country church, the country home and the country school will be considered. The significance of rural social centers and civic clubs will receive attention. Gillette's "Constructive Rural Sociology" will be used as a text, supplemented by references to Bailey's "The Country Life Movement," Wilson's "The Evolution of the Country Community," the report of the Country Life Commission, etc. Open only to students who have had Sociology I.

Second semester, two hours.

V. MODERN SOCIALISM AND SOCIALISTIC THEORIES. The history of the socialistic movement, the economic and philosophic basis of socialism, the socialistic program, misunderstandings and misrepresentations, strength and weakness of socialism, etc. The course will be conducted chiefly upon the seminar plan, with lectures and assigned readings, throughout the year, two hours. Alternates with Courses III and IV. Not given in 1916-17.

The Academy

The Academy

BOARD OF INSTRUCTORS

W. E. HAMILTON, A. M.
Acting President of the College.

GRACE BEAM, A. B.
Principal and Instructor in Mathematics and History.

CLARA F. CHASSELL, A. M.
Instructor in English.

MARY OLIVE HUNTING, A. M.
Instructor in Latin.

HILDEGARDE JEND, A. M.
Instructor in German.

DORIS LAMB.
Instructor in Drawing.

HAROLD PEMBLE.
Instructor in Physical Culture, Men.

JUNE HAMILTON-RHODES.
Instructor in Physical Culture, Women.

JOSEPHINE McCLEARY, Ph. M.
Assistant in German

The Academy

THE Academy of Simpson College is really older than the college itself. A secondary school was organized in 1860. Out of this the college grew. In 1867 the school was raised to college grade, but the academy, which was continued, remains today a useful department of the institution. With the growth of the public school system, and the great increase in the number of excellent high schools, there is less demand for the privately administered secondary school than there was some years ago. But Simpson Academy still fills a needed place. Several things are worth considering here. In the first place, many towns of Iowa have not reached the point where they can maintain a fully accredited high school with the standard four-year course. But students from these towns wish to go to college. Such young people must take the fourth year of their preparatory course away from home. For such there is a considerable advantage in being able to come to a college which maintains a high-grade secondary school in connection with its college work. Such students may enter the fourth year of the Academy and in another year find themselves ready to enter college.

Then again there are many excellent young men and women who see the importance of college training and decide to have it rather late in youth. They left school several years before perhaps. They may have taken the high school work for a year or two, but gave it up. They do not wish to go back to the high school for the pupils are much younger than they. For such, a school like the Academy of Simpson College is an excellent solution of the difficulty. Here they may take up again the education which they broke off. Many of the students in our Academy are older than the average high school pupil.

In the Academy the student may find those subjects which will constitute a fair general education, even though he is not able to go on to the more liberal culture of the college. He may elect certain work in the School of Business, and some courses in the College may be open to him by permission of the faculty. Thus, for those who cannot think of studying long enough to win their college degree, excellent special courses may be arranged for two or three years, which will be of great value. This, of course, is impossible at the regular high schools.

Much of the teaching in the Academy is done by the instructors. In some cases, however, the professors of the College give the instruction in their departments. This is true in beginning the study of languages. We think it a matter of prime importance that students should begin the study of Latin, German or Greek under the guidance of the most experienced teachers we have. Our students therefore have their first year of Latin under the Professor of Latin. When a good beginning has been made the instructors take up the work. This is true also of German.

There is careful supervision of the Academy work by the Principal and the President. Each member of the teaching force makes a written report four times a year to the President. This covers the work in the Academy as well as in the college.

ENTRANCE REQUIREMENTS.

Students who enter the first year will be required to furnish satisfactory grades in the common school branches; or to pass examinations. Those who are deficient in Arithmetic or English Grammar may find opportunity to review these subjects in the Normal course.

CREDITS FROM OTHER SCHOOLS.

Those who come from high schools not offering the full four years' course may be admitted to any year by submitting certificates or other evidence of the amount and satisfactory characer of the work done.

GRADUATION.

Students who complete the entire course as outlined will be awarded a certificate of graduation.

PRIZES.

The Buxton Scholarship Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the Senior class who has been in attendance during the year and attained the highest scholarship.

The Buxton Oratorical Prize for students of the Academy, the gift of Wm. Buxton, Esq., of Indianola, consisting of twenty-five dollars' worth of books, is awarded to that member of the Senior class who has been in attendance during the year, and who has written and delivered the best oration. This oration is limited to fifteen hundred words.

LITERARY SOCIETY.

The Academy has one literary society. The Lowell-Pierian Society was formed in 1913 by the union of the two older societies. Its membership includes both young men and young women of the Academy, Conservatory and School of Business. The students are urged to join this society and gain the culture and training which comes from participation in the regular work of the programs. Not only may they gain practice in debate and parliamentary usage, but may acquire the art of thinking on their feet. The ability to express thoughts in good English is an accomplishment for which every student should strive.

THE COURSE OF STUDY.

The course of study in the Academy is so arranged that students may prepare for entrance to college with various language requirements. The work of the Freshman year in college may be arranged to fit the student's acquirements in language. The minimum requirements for admission to college may be found under heading, "Admission to College."

ACADEMY COURSE OF STUDY.

First Year.

Ancient History	4	4		
Elementary Latin	5	5		
Algebra	4	4		
Physical Geography	4	0		
Elementary Composition	0	4		
Elocution	1	1		
Drawing	1	1		
	—	—	—	—
			18	18

Second Year.

Latin Selections	5	5		
Geometry	4	4		
English	4	4		
Biology	4	4		
Elocution	1	1		
	—	—	—	—
			17	17

Third Year.

English	4	4		
Algebra	0	4	4	8

English Composition weekly.

Three studies from this list first semester; two the second semester.

Cicero	4	4		
German	4	4		
Normal Methods in Grammar	4	0		
Greek	4	4		
Solid Geometry	4	0		
Elementary Economics	0	5		
Bookkeeping	5	5		
Elementary Agriculture	0	5	13	9
	—	—	—	—
			17	17

Fourth Year.

English	4	4		
Elementary Physics	5	5	9	9

English Composition weekly.

Two studies from this list.

Latin	5	5		
Greek	4	4		
German	4	4		
United States History	4	4		
Elementary Botany and Agriculture	0	5		
Normal Methods in Grammar	4	0		
Normal Methods in Arithmetic	0	4		
Normal Methods in Geography	0	4		
Normal Methods in Juvenile Literature	0	4		
Elementary Education	4	0		
Bookkeeping	5	5	9	9
	—	—	—	—
			18	18

NOTE—The Methods courses are to be taken in the third and fourth years.

Physical Culture is required two hours per week. No one may be excused from physical culture except on written permission of the Director with endorsement by the President.

In connection with this schedule, the student should keep in mind that the college entrance requirements include fifteen units, of which two must be in Foreign Language, two and a half in Mathematics, three in English, one in History and one in Science, preferably Elementary Physics.

Of the language units offered for College entrance at least two must be in a single language. Where the third unit is different, the language of that single unit must be continued in the Freshman year unless the student elects Greek.

"Unit" means a subject extending throughout a school year of at least 36 weeks, 4 or 5 hours per week.

Fifteen units required for unconditional admission to College.

Fourteen units admit to conditional standing in the Freshman class. Conditions must be made up by the middle of the Sophomore year or the student will not be continued in his class.

ACADEMY MATHEMATICS.

Miss Beam.

ALGEBRA I. In this course the number system of Arithmetic is extended so as to include negative and irrational numbers. Literal numbers are employed to represent arbitrary constants and unknowns. Simple equations, graphical representations, factoring, fractions, simultaneous equations and quadratic equations are included.

Throughout the year, four hours.

GEOMETRY I. PLANE GEOMETRY. After a few lessons of a preliminary nature in which the student is given an idea of the aims, materials and tools of geometry, formal proofs of fundamental theorems will be introduced. Many original theorems and problems will be studied. Prerequisite, Algebra I.

Throughout the year, four hours.

GEOMERTY II. SOLID GEOMETRY. This is a continuation of the course in plane geometry and will treat of space configurations by the same methods as are used in that course. Special attention will be given to problems of mensuration. Prerequisite, Geometry I.

First semester, four hours.

ALGEBRA II. In this course a few of the subjects treated in Algebra I are taken up for reconsideration from a more advanced and critical viewpoint. The developement of number systems of Algebra is considered. Graphical methods are used for the interpretation of algebraic equations, especially of simultaneous equations. The theory of exponents receives considerable attention and a few more of the more advanced topics, such as progressions, binomial theorem and logarithms, may be included. Prerequisites, Algebra I and Geometry I.

Second semester, four hours.

ARITHMETIC. A COURSE FOR TEACHERS. The aim of the course is to prepare the student to teach arithmetic in the public school grades. Three things are to be undertaken, viz.: (1) To familiarize the student with arithmetic, (2) to guide the student in a study of the viewpoint and attitude of the grade pupil, and (3) to develop in the prospective teacher a power and plan for his work. Provision is also made for a comparative study of text books.

Second semester, four hours.

ACADEMY ENGLISH.

Miss Chassell and Miss Beam.

FIRST YEAR. Instruction in the rudiments of composition, supplemented by a thorough study of easy classics, and adequate preparation for the work of the following year, is the purpose of the course.

Four hours, second semester.

SECOND YEAR. A careful study of the principles of rhetoric and composition, including particular attention to the forms of discourse, constitutes the main emphasis of the course. A study of classics designed to present worthy models and to arouse an interest in the best literature completes the work.

Throughout the year, four hours.

THIRD YEAR. American literature, including a study of representative masterpieces illustrating the various literary types, is made the basis of the course. Composition, oral and written; the principles of argumentation, preparing for class debates; and current literature are also emphasized.

Throughout the year, four hours.

FOURTH YEAR. English literature, including a study of representative masterpieces illustrating the various literary types, is made the basis of the course. Composition, oral and written, and the principles governing the writing of orations are also emphasized.

Throughout the year. four hours.

DECLAMATION.

Professor Warner.

The student learns to develop correct posture and an easy, natural manner on the platform. Exercises are given to aid in correct articulation and pronunciation. Practice is furnished in reading essays at sight, and in the rendition of oratorical and declamatory selections. These selections are committed and recited before the class. It is the purpose of this course to cover the field usually covered by High School work along these lines. Required of all first and second year preparatory of students.

One hour a week throughout the year.

ELEMENTARY EDUCATION.

Professor Weir.

The Theory and Practice of Teaching in Elementary Schools.

This course is designed to give the student specific instruction in the solution of the every-day problems of a teacher, and to meet the needs of those who are going into district or graded school work. Among other topics the following will be discussed: The recitation; the study period; the writing of lesson plans; various types of lessons; school room discipline; the recess; the ethical relationships of the teacher, his moral and social responsibility; the relation of the teacher to the community; the relation of the teacher to the school board.

Open to third and fourth year Academy students, and required of all Normal students of sub-collegiate rank. .First semester, four hours.

ACADEMY LATIN.

Professor Hunting, Professor Baker.

The work of no year is more important that that of the first. It is here that the student's habits of careful or careless language study will be largely determined. It is well-nigh impossible to overcome, in the advanced years, a serious lack in the first year's work.

FIRST YEAR. A thorough drill in the elements of Latin grammar is given. Analysis and diagramming are used, as is English grammar, for the purpose of teaching language relations. The translation of English into Latin and conversation are emphasized as furnishing the best means of applying the principles of Latin grammar.

THE SECOND YEAR. Selections from Latin authors and conversation. Prose composition based upon the text. Drill in Latin grammar is continued.

THE THIRD YEAR. Cicero's Orations. The orations are studied as specimens of finished oratory as well as of classic Latin. A review of the laws of syntax is given and the time of one lesson a week is spent upon prose composition based on the text read. Roman political institutions are studied. Conversation continued.

FOURTH YEAR. Virgil's Æneid. This is studied as poetry from the standpoint both of mechanical composition and literary value. In connection with the work in Prosody, the work in Latin quantities, begun in the first year, is reviewed. Scansion and metrical translations are both employed to give an understanding of dactylic hexameter. After the principles of verse are mastered, the poem is read with the word accent, keeping in sight the rhythm of the verse. The study of mythology is begun in Virgil. Conversation continued.

ACADEMY GREEK.

Professor Baker.

I. AND II. ELEMENTARY GREEK. These courses occupy one year and cover the elements of the language, with constant oral practice. The text for part of the year is Rouse's Greek Boy. Oral reproduction is required.

First and second semesters, four hours each. . . . .

III. LOWE'S WARS OF GREECE. This text is an adaptation in Attic Greek of selections from Herodotus. Some collateral reading in history of Greece is required. Oral work in Greek is required.

First semester, four hours.

IV. SELECTIONS FROM LUKE'S GOSPEL. Direct reading of the text is an important feature of the course.

Second semester, four hours.

ACADEMY HISTORY.

Professor Baker and Miss Beam.

Two years of history are offered in the Academy. The old one-year course in universal history is confessedly inadequate, unattractive and yields little or no disciplinary results. The student is given generalization before he has a sufficient number of specific facts. The order should be reversed.

The teaching of civil government, apart from its historical settings, general results in leaving a mass of forms of government, rather than the spirit in its actual working. This error is avoided in the following courses:

I. ANCIENT HISTORY. An elementary course in Ancient History to the death of Charlemagne. It will emphasize the unity of historical developments of ideas, rather than forms, and of the relation of environment upon earlier life. West's Ancient History is used.

Throughout the year, four hours.

II. UNITED STATES HISTORY AND CIVIL GOVERNMENT. A course in history and government from the beginning to the present time, with emphasis upon the period after 1789. James and Sanford, American History, and Government in the State and Nation, are used.

Throughout the year, four hours.

ELEMENTARY BIOLOGY.

Mr. Gose.

The course in Elementary Biology is intended to bring the beginning student of science to a full appreciation of nature. It is intended to pave the way for the more advanced study of science.

The text now in use is Hunter's Essentials of Biology. One third of the work is devoted to botany, and plant forms, one third to zoology, and one third to Elementary Physiology. In the work with plants, field trips are taken. Special stress is laid on seed dispersal.

Throughout the year five hours, laboratory work, Friday, 1:30 to 3:30. Recitations.

ELEMENTARY PHYSICS.

Mr. Gose.

A grade in at least one semester's work in Algebra is necessary to registration in the class. The work is planned to give a general knowledge of the subject, with a thorough study of the principles both from a complete laboratory course in which individual experimental work and written reports are required and from a study of the text illustrated before the class. Millikan and Gale's "First Course in Physics" is used as a text, accompanied by "Laboratory Physics," revised edition.

Five hours per week throughout the year, double periods when Laboratory work is in progress.

ELEMENTARY AGRICULTURE.

Mr. Gose.

The course in Elementary Agriculture is open for credit to students in the Normal Training department, also to students in the Academy. The work consists of recitations, laboratory work, and field work. Emphasis is laid on intensive farming, and the practical problems of the day, that deal with horticulture, soil management, seed testing, animal husbandry, etc.

Two hours per week, first semester, and three hours per week second semester.

PHYSICAL GEOGRAPHY.

Mr. Gose.

In the Academy course in Physical Geography, Dryer's "High School Geography" is used as a text. After a brief consideration of the general principles with reference to the development of land forms, attention is directed to the relation of human life, occupations and civilization to these natural conditions in the different countries, thus emphasizing the economic bearing of the subject.

First semester, four hours per week.

ELEMENTARY DOMESTIC SCIENCE.

Miss Nordstrom.

General course including elementary work in sewing and cooking. Course open to Normal Training students as well as those in the Academy.

Both semesters, four hours.

Normal Courses

THESE courses are intended to furnish pedagogical training to those students who intend to enter upon the work of teaching in the High School or grades.

The courses are accredited by the State Board of Educational Examiners.

Those who look toward the profession of teaching should consider the advantages of preparing to teach in connection with a first-class college. The library, literary societies, public lectures, social and religious life of the college can hardly be overestimated in the general cultural value they add to the specific training needed as a preparation for life, or the school room.

The work in drawing will be a practical course presenting the elements of drawing. It is very desirable that a teacher should be able to illustrate by simple drawings which are accurate enough to convey the ideas intended.

The physical culture will be under a competent director.

The following is an outline of the work offered for the training of teachers:

NORMAL COURSES

I. GRADUATES OF THE COLLEGE, who have taken six hours of Psychology and fourteen hours of Education may receive without examination a First Grade State Certificate from the State Board of Educational Examiners. Such students are qualified to accept positions in the High Schools of Iowa.

The work in Education is outlined under its proper heading in the departments of instruction of the college.

II. TWO YEAR NORMAL COURSE. Persons who enter this course must have completed the work of an accredited High School or its equivalent. Those completing it will receive a diploma and will be thereby entitled to a Two Year State Certificate from the State Board without examination. If success attend their work in the public school, a Second Grade State Certificate will be granted after two years' successful experience. Those who wish will receive, in addition to the diploma, a certificate stating the subjects in which the special work is completed.

The course is as follows:

FIRST (OR FRESHMAN) YEAR.

First Semester.		*Second Semester.*	
English Composition	2	English Composition	2
English Literature	3	English Literature	3
Mathematics	3	Mathematics	3
Principles of Method and Management	2	How to Study	2
Methods (English Grammar)	4	Methods (Juvenile Literature)	4
Physical Training	½	Physical Training	½
Electives—		Electives—	
European History	3	European History	3
Physiology	3	Physiology	3
English Bible	2	English Bible	2
		American Literature	3

SECOND (OR SOPHOMORE) YEAR.

First Semester.		*Second Semester.*	
Psychology	3	Psychology	3
History of Education	3	History of Education	3
Methods (Arithmetic)	4	Methods (Geography)	4
Drawing	1	Drawing	1
Physical Training	½	Physical Training	½
Electives—		Electives—	
Biology	4	Biology	4
Chemistry	4	Chemistry	4
Greek History	2	Roman History	2
Sociology	3	Sociology	3
Meteorology	2	Meteorology	2
Public Speaking	2	Public Speaking	2

III. NORMAL COURSE. Academy grade, four years for those who are not High School graduates. This will consist of the methods of teaching the Common branches, Elementary Pedagogy and work selected from the Academy Course. The completion of this course will prepare the student for the county examination for First Grade Certificate.

IV. A short Normal Course for those who are not High School graduates. This includes Didactics, methods of teaching the common branches, and also work in Agriculture, Domestic Science and Manual Training. This Course can be taken in either Semester or in the Summer Session. It meets the condition of twelve weeks attendance for entrance upon the examination for County certificates.

Conservatory of Music

Conservatory of Music

THE FACULTY.

....

President of the College.

FRANK E. BARROWS.
Director of the Conservatory and Instructor in Piano, Pipe Organ and History of Music.

EVERETT OLIVE, Mus. B.
Instructor in Piano.

PERSIS HEATON, Mus. B.
Instructor in Piano.

ELLIS RHODES.
Instructor in Voice.

NELLABY FINNEY.
Instructor in Voice.

HERBERT A. HARVEY,
Instructor in Violin and Theory.

MARY BRADSHAW.
Instructor in Public School Music, and Normal Methods in Music.

NELL E. HARRIS, Mus. B.
Secretary.

Simpson College Conservatory of Music

THE purpose of the Conservatory is to give to students a broad and thorough training along the best modern lines of musical art.

An intelligent interpretation of a great musical work can be given only by one who has the mental training which enables him to grasp the thought of the composer. Music students are urged to avail themselves of the opportunities offered here to combine one or more studies in the College or Academy with their musical studies.

The Conservatory is situated in a pleasant college town, and because of its moderate size its faculty can meet the demands of students to better advantage than those large commercial music schools which are placed in our great cities, and which deal with their students in less personal fashion. In fact, we regard it as one of our foremost advantages that being placed in a small town the student does not have the distractions from his regular work which are offered by the large cities, nor temptation to misuse his hours of recreation which is met with in larger cities or towns of lower moral standard. Moreover, in a school of moderate size, the students are encouraged to become acquainted with each other's work, and the interest arising from the pleasant rivalry and common aims helps to produce a proper musical atmosphere. At the same time the advantages of school over private instruction are apparent. No matter what course be selected, the school system arouses the ambition and energy of the pupil as no system of private instruction can.

BUILDING.

The Conservatory building is a substantial structure of pressed brick This building was designed and built expressly for the work of the music department. A system of deadening prevents the practice in one room from interfering with that in another. In the building are teaching rooms, a recital hall seating one hundred and fifty, offices, waiting room, club room and library. The zeal of the teachers and the generosity of friends of the institution have supplied tasteful furnishings.

The Conservatory is well equipped with pianos for teaching and practice. These pianos are rented to the students for practice at a nominal fee. From observing the work of the students we find that those who

do their practicing in the Conservatory building are freer from interruptions, and being where their work can be supervised by the faculty do better work and make more rapid progress as a rule than do those who practice elsewhere. It is therefore recommended that students avail themselves of this opportunity as far as possible.

PIPE ORGAN.

Pipe organ students not only have the use of the practice instrument in the Conservatory, a two manual and pedal reed organ, but a large part of the year have the privilege of practicing on an excellent organ in the Methodist church.

LIBRARY.

The Conservatory library contains several thousand dollars' worth of sheet music and books. Through the use of this library the student is saved the expense of buying a large number of studies and other compositions that he would not care to use after completing his own work on them. At the same time many pieces which he may desire to own may be ordered through the Conservatory office at a reduced price. This library includes all the best works for piano, pipe organ, violin or vioce, of all the composers of any repute, classical or modern, and a large collection of technical studies and etudes. This music is all carefully bound and cared for and is one of our chief advantages, as we do not have to wait, and send to the publisher or music house to obtain what we desire for teaching purposes. This saves time of both teacher and pupils.

ADMISSION

As so much of the Conservatory instruction consists of private lessons students may enter at any time, but entrance at the beginning of a term or semester is desirable.

A diploma from a High School is not necessary for admission to the Conservatory, but those wishing to make up high school work may do so while pursuing their Conservatory course by registering for one or more branches in Simpson Academy.

BEGINNERS.

Beginners are accepted in all departments, and given all of the advantages of Conservatory training and associations. Those who have had work before entering the Conservatory will be given proper credit for same as soon after entering as their instructors are able to determine their grade of advancement.

Instruction in the Conservatory is always personal and is planned to meet the needs of the individual. Actual beginners and those of high musical standing will find here artist instructors who will suit the instruction to their special needs.

BRANCHES TAUGHT.

The Conservatory offers instruction in the following branches of musical study: Piano, Pipe Organ, Violin, Voice, Theory of Music, Musical History and Public School Music.

COURSES OF STUDY.

It is not the purpose of the school to give instruction only to those who desire to follw music as a profession, but it offers a thorough musical education to all, no matter what their purpose of study.

To those who wish to follow some definite line of work the following courses are offered:

1. Preparatory courses.
2. A diploma or Teacher's certificate course.
3. A Conservatory course leading to a degree.
4. A course in Public School Methods.

COURSES LEADING TO DIPLOMAS AND CERTIFICATES.

Each one who wishes to meet the full requirements leading to the degree of Bachelor of Music must, before he can register as a Junior, obtain from the Registrar at the college office a written statement that his high school or academy grades have been accepted in the customary way as meeting the full requirements for admission to Simpson College (see pages 30-36) of this catalogue), or that he is then registered in classes which, on the completion of the work, will entitle him to the diploma which is awarded with the degree.

Each student beginning work with us with a view to graduation, should bring with him and take to the Registrar at the college office, a certificate of work done in high school, and, in case the high school in not on the accredited list of the North Central Association, bring with him also his laboratory note books and a list of text books used in the various classes. All adjustments with reference to credits should be attended to as early as possible in the Conservatory course. Those whose unit in science is not elementary physics will be required to study the physics of sound with the Academy class.

The theoretical requirements of the Conservatory for Courses II and III are as follows: Harmony, six terms; Counterpoint, three terms; Analysis, three terms; Musical History, three terms; Biography of Musicians, three terms; Ear Training, two terms. In addition to the theoretical requirements, it is also necessary to complete the required work in either voice, piano, violin or pipe organ. The length of time required to complete Courses II and III depends upon the ability of the pupil, and upon his concentration and industry. Few, however, are able to complete the work in less than four years.

The fee for the diploma is five dollars

Those who may not wish to take the full course leading to the degree of Bachelor ofMusic are given the full advantages of the Conservatory and on the completion of the theoretical requirements of the Conservatory as above outlined, are awarded the certificate of the Conservatory, indicating that the courses named have been completed. The fee for the certificate is three dollars.

Students who may be candidates for both the Bachelor of Arts and the Bachelor of Music degrees must elect additional hours, as the same work cannot be counted toward both degrees.

THE DEPARTMENT OF INSTRUCTION.

HARMONY.

1st Term. A complete study of the formation of scales, keys, signatures, intervals, triads and their inversions. The harmonization of melodies and basses.

2d Term. The dominant seventh chord and its inversions, the dominant ninth chord, augmented and diminished seventh chords, altered and foreign chords, continuation of the harmonization of melodies and basses.

3rd Term. The suspension, retardation, anticipation, unessential notes, organ points, dissonances, harmonization of melodies.

4th Term. Modulations.

5th Term. Practical application of principles of Harmony at the Piano.

6th Term. Melody writing. Beginning of composition.

COUNTERPOINT.

1st Term. Simple counterpoint in two, three and four voices.

2d Term. Double, triple and quadruple counterpoint.

3d Term. Counterpoint in five, six, seven and eight voices. Canon and Fugue.

ANALYSIS.

1st Term. Harmonic analysis of the Beethoven Sonatas.

2d Term. The study of musical form. Motive, phrase, period. Song form, the Minuette, Scherzo, Suite. Canon and Fugue. With examination of the works of the classical composers in all the above musical forms.

3rd Term. The Rondo, Sonata, and Finale, and forms developed by the Romantic school. Analysis of compositions by ear.

SINGING.

The Conservatory has always stood for the most approved vocal methods. No effort is spared to provide the best instruction. Especial attention is given to the correct, natural and easy method of breathing, voice placing, precision of attack and enunciation. Careful attention is given to the special needs of the individual pupil and the course of study is to meet such needs. The instruction is based broadly upon the best methods of voice production, followed by the old Italian and modern French and German schools.

GLEE CLUBS.

Simpson College Glee Clubs are organized by the students of the Conservatory for the purpose of seriously studying the choral works of the best writers. In addition to home concerts the clubs have made many concert trips over the state. In every place where the clubs have appeared the unanimous opinion of press and public has been that the programs were both, artistically selected and rendered. The personal conduct of the members has been such as to win numerous friends for the College.

Two years ago the combined Glee Clubs made a most successful trip to the coast, appearing in such cities as McCook, Neb.; Denver, Colo.; Salt Lake City, Utah; Riverside, Santa Barbara and Long Beach, Cal.; Ashland, Roseburg and Portland, Ore.; and Spokane, Wash. Many return dates were desired by the cities visited.

In addition to the concert trips made by the Glee Clubs during the past school year, the combined clubs, assisted by the Simpson Conservatory orchestra, have given two of Gilbert and Sullivan's operas, "The Pirates of Penzance" and "The Mikado." This was new work for the clubs and was greatly enjoyed by them as well as by the audience who attended the several performances of both operas.

M. E. CHURCH CHOIR.

Mention should be made of the high-grade work done by the choir of the Methodist Episcopal Church. There are sixty-five voices, mostly from the Conservatory, under the direction of Professor Rhodes and with Professor Olive at the organ. This splendid chorus renders the highest type of sacred music each Sunday in an inspirational way.

VIOLIN.

COURSE I. Correct holding of the instrument and bow. Careful training of the ear and development of tone. Exercises and studies to acquire a free use of the bow, arm and hand. Simple studies, solos and duets.

COURSE II. Continuation of the above with the use of more advanced musical studies and such pieces as are suitable for public performance.

The study of Chamber music is taken up in this grade. Sonatas by old Italian masters, such as Veracini, Porpora, Corelli, Tartini, Nardini and many others, and master concertos by Biber, Bach, Beethoven, Saint Saens, Bruch, Mendelssohn and Brahms are given serious study, which enables the pupil to become a thorough musician as well as a finished performer. The same advantages are given here in the Violin Department as in the large eastern Conservatories.

ORCHESTRA.

The Conservatory Orchestra has a membership of thirty. In addition to their regular work, they have furnished the accompaniments for the two operas given during the year. Through their regular rehearsals and concerts the members become familiar with the standard works for orchestra, and acquire a knowledge of practical instrumentation. The experience and drill under such an able conductor as Professor Harvey is of the greatest value, not only to those who wish to make orchestral playing or conducting a profession, but also to those who are to become soloists or instructors. Membership is open to all students of the Conservatory who have sufficient knowledge of any orchestral instrument to pursue the work profitably.

HISTORY OF MUSIC AND BIOGRAPHY OF MUSICIANS.

Three hours per week through the year.

1st Term. Music of the Ancient World, among the Egyptians, Hebrews and Greeks; music of the Oriental Races; early Christian music; the Minstrels of the North; the Troubadors; influence of the Church.

2d Term. French; Gallo-Belgic and the Netherlands schools; early school of Italy; musical notation; development of instruments; development of opera and oratorio; French and German opera; Dramatic song; Instrumental music; masters of the opera; Virtuosi of the time.

3d Term. The Romantic composers; German, Italian and French opera and composers; Virtuosi of the century; later composers and performers to the present time.

Lectures on the lives of the composers extend throughout the year, one lesson per week.

PIANO.

COURSE I. Technical exercises to acquire correct position of the hand and arm at the piano. Studies to develop control of the muscles of the fingers, hands, wrists and arms. Such pieces selected as are calculated to cultivate a pleasing musical touch. Committing to memory is insisted upon from the first of the course to its completion.

COURSE II. Further work on all the above points. Careful attention is given to the phrasing and pedaling; attention is called to the form of the composition studied, and the harmonic construction. Memorizing is insisted upon. Only musical etudes are studied throughout the course, and the pieces are selected—first, with the idea of developing an appreciation of the compositions of the best composers; second, with the view of developing technical proficiency to present the same in a clear and artistic manner.

COURSE III. Continuation of Course II with a special regard to such compositions as are suitable for the concert platform, and a further appreciation of the works of the best composers.

PIPE ORGAN.

Special attention is paid to the development of a clean and rapid pedal technic and an accurate following of the different voices on the manuals. As only advanced pupils are eligible to the Pipe Organ classes, most of the technical preparation has already been acquired, and as soon as the pupil has become accustomed to the organ touch, stops, the use of the manuals, and is able to follow the parts clearly, he takes up the easier compositions by Bach, and the more modern composers.

Training is given designed to prepare the pupil for teaching or for concert work.

DEPARTMENT OF PUBLIC SCHOOL MUSIC.

Attention is especially called to Course B, which is accredited by the State Board of Education.

Until within a few years music in the public schools was at an ebb. Little or no attention was paid to this great branch of education and refinement, but now all has been changed. It is one of the most encouraging signs of advancement that now positions for teachers of music in the public schools are open only to those who have had special and thorough training. In view of this fact two complete courses of training for this work are offered by Simpson Conservatory.

COURSE A. Covers one complete school year of special training.

REQUIREMENTS FOR COURSE A. Public School Methods, three terms. Vocal, three terms. Piano, three terms. Musical History and Biography of Musicians, three terms. Harmony, three terms. Ear training, two terms. Psychology, three terms.

COURSE B. Covers two years and is designed to equip the students for larger schools, and in consequence, higher salaries.

REQUIREMENTS FOR COURSE B. Public School Methods, six terms. Vocal, six terms. Piano, six terms. Musical History and Biography of Musicians, three terms. Harmony, six terms. Ear training, two terms. Psychology, two semesters. Education two semesters.

A diploma is granted to those who complete Course B and present either a diploma from an accredited high school, or a certificate of equivalent work. Fee for diploma, $3.00.

In addition to the diploma which is granted by Simpson College, the State Board of Education grants all those who complete Course B a certificate which allows them to teach music in the public schools of Iowa without further examination.

OUTLINE OF METHOD WORK.

1s Term. Study of the Observation Song: Ten or twelve songs are first learned by rote, with attention to enunciation, pitch and rhythm. Then the syllables of these are learned by rote. Three or four songs observed from board. Same songs observed from primer. Ear Training: Recognition of familiar songs. Direction of meloody, long skips, contrast long and short skips, skip and step, monotones—helps. In this way the pupils are developing a musical appreciation, training the ears, acquiring a good tone quality and a sense of rhythm. This leads to sight singing, which continues throughout the term. A large number of rote songs are taught throughout the course.

2d Term. Continuation of first term with special attention to song interpretation; ear training; sight singing; undivided, divided and combined beats; chromatic studies, two-part singing.

3d Term. Continuation of the second term. Unequally divided beat, subdivided beat and beat and a half note. Scale structure; major and minor (all forms); modulation and syncopation.

4th Term. Advanced methods. Practice teaching in the public schools of Indianola.

5th and 6th Terms. Advanced methods. High School music, Choruses, Glee Clubs, sight singing. Practice teaching. Art of conducting.

The different systems of books studied during the course are: Harmonic Series, American Book Company; New Eleanor Smith series, American Book Company; Modern Series, Silver, Burdette Company; New Educational Series, Ginn and Company; Jessie Gaynor Rote Songs, along with others.

By special permission of the City School Board, the Supervisor is allowed to take her pupils into the City Schools (three days a week) to do practice teaching; so that the first year's work is *largely observation work, while the second year the pupil is given a chance to put the methods into practice and get actual experience in the school room.*

In addition to the required musical studies for the two-year course, students in Public School Music are advised to take some branch of study in College during the second year, such as drawing or penmanship, with the view of being prepared to teach one of the branches in connection with their music work.

Three years could be spent advantageously in combining with the Public School Music course work in Domestic Science, as there are frequent calls for this combination.

Students completing any of the courses in the Conservatory are given every assistance possible in securing good positions to teach, and so far we have been eminently successful in placing our students.

COLLEGE CREDIT FOR MUSIC.

Credit is given in the College of Liberal Arts for Musical Theory, Musical History, Public School Music, and for the Junior and Senior years of the instrumental or vocal courses. This gives opportunity for those who wish to combine music with their College course to do so.

Students in the College of Liberal Arts who are musically inclined should remember this, as there is a constant and growing demand for Supervisors of Music in the Public Schools who are able to combine the teaching of one or more branches such as Latin, German or Literature, with that of Music.

Those wishing to take their degree from the College of Liberal Arts and major in Music are referred to Group XIV, Page 42.

TUITION

	Fall	Winter	Spring
Registration fee (Required as in College.)			
Piano or Pipe Organ, Mr. Barrows,	$30.00	$30.00	$19.00
Piano, Mr. Olive	30.00	30.00	19.00
Piano, Miss Heaton,	20.60	20.60	13.10
Vocal, Mr. Rhodes	30.00	30.00	19.00
Vocal, Miss Finney	20.60	20.60	13.10
Public School Methods, Miss Bradshaw	14.00	14.00	10.00
Violin or Cello, Mr. Harvey	20.60	20.60	13.10
Harmony, Counterpoint or Analysis	8.50	8.50	8.50
Ear Training		5.00	5.00
Musical History and Biography	10.00	10.00	10.00
Italian, Mr. Barrows	8.50	8.50	8.50

Piano Teaching Methods, Mr. Barrows			8.50
Piano Rent, one hour a day during term	3.00	3.00	2.25
Pipe Organ Rent, Conservatory Organ	4.00	4.00	4.00
Music Rent (required), each instrument or voice	1.50	1.50	1.50
(Special rates to Pupils of Indianola Public Schools, under Miss Heaton.)	$14.00	14.00	9.00

Students are expected to take two lessons per week in each branch pursued. By special arrangements being made, single lessons, or one regular lesson per week, will be reckoned at the following rates:

Of Mr. Olive or Mr. Rhodes	$1.25 per lesson
Of Mr. Harvey, Miss Heaton or Miss Finney	.80 per lesson

DISCOUNT—A discount of 10 per cent is allowed when a pupil takes full music work and pays for an entire year of three terms in advance.

The study of two instruments and two branches of musical theory, or, one instrument and voice, and two branches of musical theory, constitute "full music work."

For further information address

F. E. BARROWS,
Director Simpson Conservatory of Music
Indianola, Iowa.

School of Business

School of Business

GENERAL PURPOSES. The School of Business of Simpson College furnishes instruction in all departments of business education.

REQUIREMENTS FOR ADMISSION. Those who enter on the business course should have completed the common branches. Students deficient in these studies may enter the normal classes where, in connection with the methods of teaching, reviews of the grade school studies are given. Grades from high schools will be accepted as in the departments of the college.

COLLEGE CREDIT FOR COMMERCIAL STUDIES. In connection with the regular course, students who are candidates for the degree of Bachelor of Arts may elect the work in the School of Business for which College Credit will be given. The fee for the combination course will be charged only when work amounting to more than three semester hours is elected. Credit is given in accordance with the following plan:

Group I.

Bookkeeping (Inductive Set).
Commerce and Transportation.
Business Correspondence.
Rapid Calculation.
Penmanship.
Credit for Group I, three hours.

Group II.

Bookkeeping (Advanced).
Commercial Law.
Penmanship.
Credit for Group II, three hours.

Group III.

Advanced Bookkeeping (Commission, Corporation, Banking).
Business Practice (four to six weeks).
Office Practice (six to eight weeks).
Penmanship.
Credit for Group III, four hours.
Total, ten hours.

DIPLOMA COURSE OF THE SCHOOL OF BUSINESS. This course will consist of the work of the School of Business and in addition thereto, three full years' work in an accredited high school, or in the Academy.

CERTIFICATE COURSE OF THE SCHOOL OF BUSINESS. This course consists of the work of the School of Business and the completion of the ordinary common school branches. Evidence of the successful completion of the non-commercial studies may be furnished from any school of good standing.

THE BUSINESS COURSE. RAPID calculation, Penmanship Business Correspondence, Bookkeeping in all forms, both simple and double entry as applied to Banking, Jobbing, Wholesale and Retail Merchandise, Joint Stock Company, Business Practice, Office Training, Commercial Law, Elementary Composition, Elocution, Commerce and Transportation and Economics.

TIME REQUIRED. The length of time required to complete either of the above courses will of necessity depend upon the previous preparation and ability of the students. We frequently receive students who complete either of the above courses in one year, others will require a longer period to do the work and properly prepare themselves for a successful business career.

BUSINESS WRITING. Neat, legible and rapid handwriting is a matter of the first importance in a business education. It is often the final and decisive matter in obtaining employment. We aim to give each student a style of writing which has a commercial value.

ORNAMENTAL PENMANSHIP. This work is for those desiring to devote themselves exclusively to penmanship, especially as teachers of the art. The pupils are taught Form, Speed, Analysis, Spacing, Shading, Pen Drawing, Card Writing, Lettering, Flourishings, Designing, Engrossing, Method and Manner of Teaching.

METHOD OF TEACHING BOOKKEEPING. The pupil is tanght the principles of Bookkeeping through the medium of sets so arranged that he is able to advance without difficulty. He is instructed how to post, take trial balance, to detect and correct errors, classify accounts, close the ledger, to make out statements of gain and loss, resources and liabilities, to make out balance sheets, and as to forms and uses of the Day Book, Journal, Ledger, Cash Book, Sales Book, Bill Book, and Check Book A student can begin the subject at any time, as he receives individual instruction in the work.

CORRESPONDENCE. Every Commercial student makes letter writing a special study, as the most delicate and complicated transactions are often required to be adjusted by letter. The great amount of business transacted through correspondence shows the importance of this subject. The work is offered the first semester.

RAPID CALCULATION is one of the most important branches taught in a business course. Quick and accurate calculation is one of the qualifications usually set forth by an employer. Drill in rapid calculation, including addition, subtraction, interest and discount, multiplication, the use of aliquot parts, division, quick methods of handling fractions, etc., are given in order that the student may become proficient in both speed and accuracy. Offered the first semester.

COMMERCE AND TRANSPORTATION. This study deals with the different products of the world that enter into trade, and their distribution; also of the trade routes of the world and the different methods of transportation. Each student is required to write a paper on some subject assigned, to be read before the class. For supplementary work a large number of books are available in the college library. The subject is offered the first semester.

COMMERCIAL LAW. The law of Contracts and Negotiable Paper, also the law governing Agencies, Partnerships, Corporations, Guaranty, Sales, Stoppage in Transit, Common Carriers, Lien, Bailments and Insurance. The subject is offered the second semester.

ELOCUTION. The aim of this course is to develop ease and naturalness in conversation and in public speaking. Faults in breathing, articulation and pronunciation are corrected in the first semester. In the second semester, practice is given in conversation and extemporaneous speaking. The course is required of all students who are not graduates of accredited high schools. The class meets one hour per week throughout the year.

ECONOMICS. A brief course intended to give a general practical knowledge of the economic laws governing the production and distribution of wealth. Offered the second semester.

ELEMENTARY COMPOSITION. This course is especially designed to give students thorough drill in the elements of spelling, grammar and composition. Some attention will be given to letter writing and to the general appreciation of good style. Offered during the second semester.

BUSINESS PRACTICE. Continues through the entire course. In connection with our business practice we maintain a full office course necessary for carrying on all the work connected with business practices. We have separate offices for a Wholesale House, a Bank, a Commercial Exchange, and have all the business practice done in connection with these houses in a regular business manner.

In our office department we have large books ruled especially for each office. The system here employed is the same as that used by the best business firms.

THE COLLEGE NATIONAL BANK is conducted on the principles of the national and private instutions of the present day. Here the student has to perform the actual transactions just as he would in any bank. He collects notes and bills of exchange, sells drafts on other banks where he has credit, remits drafts on other banks that he has paid to the correspondent for collection and credit.

WHOLESALE HOUSE. In this office nearly all the business is done with students in Elementary and Advanced business practice. The work consists of buying and selling goods at wholesale, keeping a set of books, attending to correspondence, rendering statements, settling accounts, etc. The work in this office is the same as in any well-regulated wholesale house.

TEXT BOOKS AND BLANKS. Text books and the necessary stationery and blanks can be purchased at the college at prices lower than usually obtained.

SPECIAL ADVANTAGES. The School of Business has many advantages over the ordinary business college which come from its connections with a first-class literary and scientific institution. The Library, Literary Societies, Public Lectures, etc., are open to the students of the School of Business. These advantages are considerable and add to the element of general culture. The moral surroundings of Indianola are unsurpassed, the expenses of living low and the tuition charged is less than in many places where similar training is offered.

TRAINING FOR COMMERCIAL TEACHERS. The College Course is especially recommended for those who are fitting themselves as commercial teachers. Simpson School of Business has been remarkably fortunate in securing positions of this character for her students. For several years there have been more applications for graduates to teach commercial branches than could be supplied. The increased demand for high school commercial teachers indicates that it is well worth the student's time and effort to prepare himself thoroughly for such positions.

GRADUATION.

COLLEGE COURSE. Those who complete the College Course and incorporate therewith the work of the School of Business receive the degree of Bachelor of Arts.

DIPLOMA COURSE. Those who complete the course in the School of Business and three full years' work in accredited high schools, or have done equivalent work in other schools, receive a Diploma. (Diploma fee, $3.00.)

CERTIFICATE COURSE. Those who complete the course in the School of Business and the common school branches receive a Certificate of graduation. (Certificate fee, $3.00.)

COLLEGE CREDIT. Students who have completed the Business Course will receive credit for ten semester hours for this work in the College of Liberal Arts.

EXPENSES.

Tuition in School of Business, per semester	$35.00
Semester fee, per semester	5.00
Gymnasium fee	1.00
College with commercial branches	35.00

One, two or three-hour course may be taken in the Business School bv College students without the extra charge for combination course. But this is allowed only when the total number of hours for which the student is registered does not exceed 16.

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

The Department of Shorthand and Typewriting is a part of the School of Business. The work and instruction is largely individual. Students are admitted at any time and are not compelled to wait for the formation of classes in order to begin their work.

ENTRANCE REQUIREMENTS. The applicant for instruction in this department must have completed the work of the eighth grade and be able to produce passing grades in all the common branches.

TEXT BOOKS. The Gregg Shorthand Manual and Rational Touch Typewriting are used as text books. These books are used more than any other of the kind in America. In them thoroughness, accuracy and speed are worked out together and with admirable results. We have a great demand for people qualified to teach this work and especial attention is given to those who intend to devote themselves to teaching. The study of approved methods of teaching, and the handling of some of the work under the guidance of the teacher in charge, are some of the valuable features of this course.

The course of study is as follows:

First Semester: Shorthand, Typewriting, Penmanship, Spelling, Business Correspondence and Rapid Calculation. Second Semester: Advanced Shorthand, Typewriting, Spelling, Elementary Bookkeeping and Stenographic Office Training. This course can be completed in the school year by the student of average ability."

TYPEWRITERS. The machines in use in the department are the Underwood and L. C. Smith. They are kept in good condition and the student is trained with the idea that accuracy is never to be sacrificed to speed. Touch Typewriting is taught exclusively. Each student is expected to devote two hours a day to the use of the machine during the entire course. Special attention is given to the transcribing of notes taken in the Shorthand class work.

GRADUATION. The student will be recommended for graduation when able to write Shorthand at the rate of one hundred words per minute for five consecutive minutes on new matter and re-read it; to operate the typewriter on new matter at the rate of fifty words per minute for ten consecutive minutes, work to be graded according to the International Rules for Typewriting; and to have satisfactory grades in the other subjects named in the above course of study.

It is our plan to give the student a thorough training in the work that he will be expected to take in the business office or will have to do in teaching.

EXPENSES. Tuition in the above Course per Semester..... $30.00
Use of typewriter for practice at rate of fifty cents per week.

COMBINED COURSES. Students who desire to add the work in Shorthand and Typewriting to the work of the College or School of Business will be charged tuition as follows per semester:

College or Business School with Shorthand and Typewriting	$35.00
Academy with Shorthand and Typewriting	30.00
College or Business School with either Shorthand or Typewriting	35.00
Academy with Shorthand	30.00

HOME ECONOMICS.

Miss Nordstrom.

I. TEXTILES AND CLOTHING. Fundamental principles of sewing and garment making applied to the making of household articles, undergarments, shirt waist and shirt waist suit. Both hand and machine sewing; household mending, patching and darning; use and alteration of patterns; drafting; textiles, their origin, production and manufacture; study and comparison of materials from the standpoint of consumer; study of the cotton and linen industries.

Throughout the year, three hours.

II. FOODS; SELECTION AND PREPARATION. Foods, their history, manufacture, production, composition, cost and economic value. Fundamental principles and processes of cooking and their application in the preparation of individual dishes.

Prerequisite, Chemistry I B.

Throughout the year, three hours.

III. ADVANCED TEXTILES AND CLOTHING. Designing and advanced principles of dress making; Comparison of home and factory made clothing; study of animal textiles fibers; clothing budgets; care and hygiene of clothing; evolution of spinning and weaving; development of wool and silk industries; study of economic and sociological phases of these industries; study of costumes; costumes of different nations; problems; fancy waists; wool dress; spring gown of light weight material, silk, voile, lawn, etc.

Throughout the year, three hours.

IV. ADVANCED COOKERY. Food preservation. Review and application of principles outlined in First Year Cookery. Practice in the making of menus with reference to season, cost, availability of foods and combinations. Prerequisite, H. Ec. II, Chem. II B, Biology VII.

First semester, three hours.

V. DITETICS. Consideration of problems of dietetics and metabolism; study of dietaries of given cost and their adaptation to varying conditions of health, age and environment. Prerequisite H. Ec. III.

Second semester, three hours.

VI. HOUSEHOLD ADMINISTRATION. House Sanitation: dealing with problems of water supplies, disposal of waste, heating, plumbing and lighting systems, ventilation, etc.

Managment of Household Affairs: division of income, domestic service, etc.

House Plans and Furnishings: problems to be considered in the building of a house, location, style, cost, materials, conveniences, economy of space, etc. Planning of harmonious color schemes for various rooms, estimation of cost and the selection of suitable furnishings for the whole house. Prerequisite, H. Ec. II, and H. Ec. III.

Throughout the year, two hours.

VII. HISTORY OF ART. History of architecture, sculpture and painting from the ancient Egyptian, Greek, and Roman periods to the present age. To develop an appreciation of the different masters.

(Students in Home Economics will be charged a laboratory fee of $2.00 to $4.50, according to the work taken.)

Summer School

THE Summer Session of Simpson College begins June 12, 1916. Summer work is offered by the School of Education, Conservatory of Music and School of Business.

PURPOSE.

In arranging the work of the summer school, the following persons have been kept specially in mind: 1st,Teachers who wish instruction in Agriculture, Domestic Science and Manual Training, in order that they may meet the requirements of the new school law; 2d, teachers holding second and third grade certificates, who desire to improve their work and secure certificates of better grade; 3rd, those who have not yet taught, but who wish to secure the normal training now demanded of all who apply for teachers' certificates; 4th, any who need a thorough review of the common branches in order to obtain an Eighth Grade diploma or High School entrance credits; 5th, College students who wish to bring up conditions or to secure extra work toward their graduation. The requirement for twelve weeks' normal training will be fully met by the summer session.

A special Summer School Bulletin is issued showing the courses offered and other information concerning the Summer Session. This Bulletin will be mailed on request.

Classified List of Students Enrolled in College

Register of Students

DEGREES CONFERRED IN 1915.

Doctor of Divinity.

Charles Richard Bair, A. B., S. T. B.......................Indianola

Bachelor of Arts.

Bates, Ruth	Indianola
Bradford, Mary	Milo
Chamberlin, Faye	Glenwood
Coffin, Jessie	Indianola
Crabbe, Eloise	Indianola
Dewey, Arthur O.	Murray
Dyke, John	Indianola
Ensley, Charles	Chariton
Fox, Alberta	Winterset
Fouts, Ross	Riverton
Helsley, Charles	Denison
Hunnicutt, Hazel	Indianola
Jones, Eleanor	Winterset
Kastner, Vada	Boone
King, Nina	Corydon
Lippincott, Otus	Indianola
Lundy, Hugh	Indianola
Mitchell, Ena	Cainsville, Mo.
Morley, Ina	Bedford
Naylor, Douglas	Bagley
Peck, Harold	Indianola
Perley, Hazel	Indianola
Porterfield, Lois	Indianola
Pote, Lelah	Stuart
Rimel, Warden	Malvern
Ruggles, Ethel	Des Moines
Saur, Theodore	Indianola
Spry, Marjory	Clarinda
Starks, Mary	Mitchellville
Tennant, Lida	Dana
Weldin, Cleo	Indianola
Winslow, Marie	Indianola

Bachelor of Music.

Hunnicutt, Pearl	Indianola
Ross, Florence	Little Rock
Schofield, Vera	Carson
Wright, Winifred	Denison

GRADUATES FROM THE ACADEMY.

Freel, Lenola	Pleasantville
Stump, G. Webb	Melrose

GRADUATES FROM THE SCHOOL OF BUSINESS.

Diploma Course in Business.

Anderson, Neil	DeSoto
Billings, Elmer A.	Riverton
Bone, Carl	Seymour
Flesher, Merrill	Indianola
Pendry, Lewis	Indianola

Certificate Course.

Moffitt, William	Ackworth
Sandy, Bert	Lacona
Wells, Nettie	Clarinda
Wood, Anna	Indianola

Diploma in Stenography Course.

Billings, Elmer A.	Riverton
Flesher, Merrill	Indianola
Hawkins, Bessie	Indianola
Moats, Ray,	Villisca
Miller, Roy L.	Indianola
Orr, Ina	Lorimor
Roy, Uva	Farragut
Tinsley, Genevieve	Harlan

Certificate in Stenography.

Wells, Nettie	Clarinda
Wood, Anna	Indianola

GRADUATES FROM THE CONSERVATORY OF MUSIC.

Diploma in Public School Music.

Bradshaw, Mary	Indianola
Miller, Cortense	Manilla
Tysseling, Lucile	Knoxville
Ward, Gladys	Sidney
Wright, Winifred	Denison

HONORS AND PRIZES

Annual Honors.

Crabbe, Amy	Junior	Indianola
Harvey, Clarence	Freshman	Altoona
Jackson, Ruth	Freshman	Indianola
McDade, Paul	Sophomore	Atlantic

Milligan, Lester	Sophomore	Clarinda
Noble, Bessie	Sophomore	Indianola
Scurr, Helen	Sophomore	Glidden
Snow, Estelle	Freshman	Dexter, N. Mex.
Tennant, Lida	Senior	Dana
Tinsley, Marie	Junior	Harlan

Departmental Honors.

Chamberlin, Faye	English	Glenwood
Tennant, Lida	Latin	Dana
Saur, Theodore	Physics	Indianola

Prizes.

Tinsley, Marie	Badley-Schee	Harlan
Freel, Lenola	Buxton Oratorical	Pleasantville
Stump, Webb	Buxton Scholarship	Melrose
Rimel, Warden	Marsh Oratorical	Malvern
Applegate, Lulu	West Oratorical	Guthrie Center

STUDENTS REGISTERED SINCE COMMENCEMENT 1915.

SENIORS.

(Completion of 85 semester hours required for classification as a senior in Liberal Arts.)

Name	Major	Residence
Agan, Norma	English	Glenwood
Anderson, Enoch	Mathematics	Indianola
Barker, Edith	English	Indianola
Blattenburg, Clare	Physics	Indianola
Braucht, Repha	English	Indianola
Burgess, William	Philosophy	Indianola
Clark, Olive	History	Indianola
Crabbe, Amy	Latin	Indianola
Dunn, Max	Chemistry	Milo
*Ensley, George	Philosophy	Chariton
Erwin, Ruth	Music	Indianola
Falls, Orr	Biology	Diagonal
Fleetwood, Willis	Music	Wayne. Neb.
Grace, Mabel	Music	Diagonal
Hammers, Amy	German	Malvern
Harris, Earl B.	English	Gravity
Hastie, Helen	Mathematics	Indianola
Ingvoldstad, Fred	Philosophy	Indianola
King, Regna	German	Corydon
Lamb, Doris	German	Indianola
Long, Bessie	German	Mt. Ayr
McClure, Gretchen	English	Indianola
McGriff, Jennie	English	Carlisle
McKay, Lottie	English	Pleasantville
Manker, Orville	Philosophy	Indianola

*Graduated February 1, 1916.

Mathews, Helen	Latin	Coon Rapids
Maxwell, Vera	Education	Indianola
May, William	Mathematics	Mt. Ayr
Merritt, Vesta	German	Mt. Ayr
Miller, Joyce	Philosophy	Indianola
Mitchell, Ella	English	Indianola
Moats, Harlan	Chemistry	Villisca
Noble, Ernest	Chemistry	Indianola
Pickard, Clarence	Philosophy	Indianola
Pickard, Fannie,	English	Indianola
Pote, Harold	History	Stuart
Reid, Alice	Music	Bedford
Roberts, Mae	Biology	Boone
Runberg, Donald	English	Yale
Schmidt, Merna	English	Hancock
Shaw, Ernest	Mathematics	Indianola
Simmers, John	Philosophy	Indianola
Spaulding, Louise	Music	Long Beach, Calif.
Stewart, Emile	History	Ingomar, Mont.
Stone, Hurford	History	Indianola
Stubbs, William	Chemistry	Riverton
Thompson, Ruth	German	Indianola
Thornley, Charlotte	English	Perry
Winslow, Marie	Music	Indianola
Wolfe, Edward	Philosophy	Harper
Wright, Margaret	German	Indianola

JUNIORS.

(Completion of 54 semester hours required for classification as a Junior.)

Anderson, Aural	Biology	Indianola
Anderson, Helen	English	West Liberty
Anderson, Winifred	Biology	Indianola
Baker, Florence	Music	Corning
Barker, Clare	History	Indianola
Bates, Grace	English	Indianola
Bingaman, Orion	Chemistry	Indianola
Brewer, Ralph	Chemistry	Indianola
Boss, Elsie	English	Indianola
Butterfield, Mary	Latin	Indianola
Buxton, Ruth	German	Indianola
Carter, Lucile	German	Burlington Junction, Mo.
Coryell, Rex		Indianola
Crabbe, Ernest	Chemistry	Indianola
Cuthbertson, Duncan		Indianola
Daft, Glenn	German	Griswold
Dryden, Grace	Music	Stockton, Kansas
Dudley, Harold	English	Indianola
Edwards, Iva	Music	Griswold
Feldtmose, Peter	English	Indianola

Gard, Ethel	English	Grand River
Grant, Arthur	Biology	Diagonal
Griffith, Arthur	English	Des Moines
Hall, Eunice	Music	Sharpsburg
Halloway, Edith	Music	Churdan
Helsley, Marie	Biology	Denison
Henry, Harry D.	English	Van Meter
Holmes, Kenneth	Chemistry	Evanston, Ill.
Honnold, Junia	English	Indianola
Jackson, Harold	Philosophy	Indianola
Jackson, Jay B.		Orient
James, Helen	Music	Durham
Karr, Anna	Biology	Indianola
Kern, Louise	French	Norwalk
Kennedy, Mildred	German	Nodaway
King, Elizabeth	English	Corydon
Kinrade, Charles	Philosophy	Indianola
Knight, Marion	Music	Woodbine
Kollmyer, Josephine	Mathematics	Keokuk
Lillie, Alta	Mathematics	Indianola
Lippincott, Fern	Biology	Indianola
Lyman, Ethel	Music	Indianola
Martin, Claude	English	Osawattomie, Kans.
Maurer, Frankie	Music	Spencer
McDade, Paul	English	Des Moines
Merritt, Vera L.		Glidden
Miller, C. Carroll	Greek	Indianola
Miller, Edna	English	Norwalk
Miller, Justin	Music	Fontanelle
Miller, Ruby	Philosophy	Knoxville
Millhone, Paul	Biology	Clarinda
Milligan, Lester	English	Clarinda
Nevius, Carl	English	Bedford
Noble, Bessie	Latin	Indianola
Painter, Maude	English	Lewis
Pennington, Will	History	Albia
Phillips, Phyllis	German	Indianola
Porterfield, Dorothea	German	Indianola
Rosenberger, Elva	English	Guthrie Center
Sayre, Raymond	Earth Science	Indianola
Scurr, Helen	English	Windom, Minn.
Shaw, Gladys	German	Indianola
Smith, Harry	Physics	Lewis
Smith, Howard	Chemistry	Indianola
Sterrett, Irene	Mathematics	Boone
Sterrett, Lillian	Biology	Boone
Warren, Harold	Chemistry	Indianola
Westerlund, Geneva	Music	Elliott
White, Owen	Chemistry	Indianola
Williams, Hazel	Music	Indianola
Williams, Solon	Chemistry	Indianola
Wright, Howard	Chemistry	Indianola
Young, J. Wesley	Chemistry	Jerome, Ida.

SOPHOMORES.

(All Entrance Requirements completed and the completion of 23 semester hours required for classification as a Sophomore.)

Anderson, Dorothe	Clarinda
Anderson, Merrill	New Market
Anderson, Neil	DeSoto
Applegate, Lulu	Guthrie Center
Armstrong, John E.	Indianola
Aronhalt, Ralph	Clearfield
Aten, Ruby	Patterson
Baker, Alice	Corning
Baker, Esther	Corning
Banks, Maude	Gravity
Banner, Mamie	Shenandoah
Barborka, Clifford	Denison
Barnes, Fermor	Indianola
Bates, Paul	Indianola
Beebe, Frank	Harlan
Brown, Fletcher	College Springs
Burdette, Gladys	Humeston
Chambers, Pauline	Grand Junction
Clarke, Carl	Indianola
Cole, Bruce	Clarinda
Coleman, Pauline	Farragut
Currier, Florence	Indianola
Cuthbertson, Margaret	Indianola
Fichter, Edna	Randolph
Graves, Harold	Vermillion, S. D.
Griffith, Margaret	Des Moines
Hardy, Neva	Winterset
Harned, Joyce	Indianola
Harvey, C. W.	Altoona
Hiatt, Josephine	Ackworth
Hughes, John	Berwyn, Ill.
Hull, Harry	Redding
Jackson, Ruth	Indianola
Johnson, Ross	Red Oak
Kaessner, Carl	Omaha, Neb.
Kelley, William	Mt. Ayr
Kraus, Alice	Manning
LeGore, Paul	Jefferson
Lewis, Norma	Atlantic
Lillie, Lenice	Indianola
Lisle, Harold	Panora
Lundy, Helen	Indianola
McAdoo, Francis	Indianola
McAllister, Merle	Indianola
McClaren, Marie	Decatur City
Malony, Will	Red Oak
Marshall, Irl H.	Coffeyville, Kansas
Merritt, Gladys	Mt. Ayr
Miller, Joseph	Chinook, Mont.

Miller, Ruth	Knoxville
Moffett, Faye	Clearfield
Moore, Ruby	Indianola
Morley, Alice	Indianola
Murphy, Minnie	Indianola
Orr, Carl	Indianola
Owens, George	Sand Springs, Mont.
Parks, Kenneth	Council Bluffs
Peasley, Harold	Indianola
Peddicord, Esther	Indianola
Pendry, Lewis	Indianola
Rea, Everett	Corydon
Ridgway, Zell	Red Oak
Rowley, Laurie	Adair
Ruby, Everett	Indianola
Rundberg, Lyle	Yale
Samson, Mary	Indianola
Seibold, Faith	Danbury
Sells, Marion	Sidney
Shaw, Ethel	Indianola
Silliman, Doris	Winterset
Simons, Victor	Indianola
Smith, Ralph	Indianola
Snow, Estelle	Dexter, N. Mex.
Spence, Foster	Harlan
Stewart, Harrell	Chariton
Summers, Eula	Indianola
Townsend, Walter,	Indianola
Traub, Abram	Indianola
Trumbo, Harmon	Indianola
Van Syoc, Lorey	Milo
Vernon, Clarence	Milo
Wadle, Frances	Milo
Wailes, Helen	Davis City
Warren, Franklin	Indianola
Will, L Fred	Des Moines
Willis, Carol	Red Oak
Wilt, Harold	Lenox
Wright, Helen	Indianola

FRESHMEN.

Anderson, Verna	Perry
Archie, Willard	Corning
Aronhalt, Grace	Clearfield
Axtell, Grace	Malvern
Axtell, Robert	Malvern
Banks, Noble	Gravity
Bates, Forest	Indianola
Beckhart, Florine	Atlantic
Bingaman, Mary	Indianola
Boileau, Bessie	Red Oak

Brannian, Florence	Randolph
Briggs, Leo	Indianola
Brown, Daisy	Indianola
Brown, Myrtle	Indianola
Brown, Paul	Indianola
Burton, Wesley	Corydon
Cable, Eva	Winterset
Carnes, Leta	Indianola
Clark, Murl	Indianola
Clayton, Earl	Milo
Cleveland, Carl	Milo
Collins, Zaida	Lamoni
Cox, Leland	Perry
Crawford, Mabel	Gravity
Cumming, Emerson	Indianola
Cunningham, Fenner	Indianola
Cunningham, Floyd	Indianola
Cunningham, Oral	Indianola
DaShiell, Martha	Indianola
Derr, Henry	Indianola
Dickson, Lawrence	Maxwell
Dunagan, Walter	Des Moines
Ellingsworth, Nellie	Milton
Farley, Ardis	Indianola
Gebert, Harriet	Denison
Gunn, Mae Belle	Colfax
Hadder, Rachel	Mitchellville
Hankins, Cora	Nevada
Hardin, Elsie	Indianola
Hastie, Herbert	Indianola
Haworth, Raymond	Indianola
Herring, Otis	Linden
Hendrickson, Clare	Indianola
Hoffman, James	Leon
Hoffman, Martha	Leon
Jennings, Marion	Garden Grove
Jensen, Leslie	Corning
Johnson, Margaret	Perry
Jones, Marshall	Denison
Jordan, Ray	Riverton
Keith, Cecil	Audubon
Knight, Louise	Spencer
Lane, Clayton	Indianola
Lyons, Doris	Corning
McAdoo, Avis	Indianola
McCombs, Newell	DeSoto
Mackoy, Ola	Farragut
Manker, Dean,	Elliott
Matheny, Raymond	Indianola
Mauer, . .Verna	Council Bluffs
Meek, Clara	Conesville
Moles, Hazel	Bayard
Moore, Edwin	Indianola
Morlan, Everett	Indianola

Morlan, Merrit	Indianola
Morton, Cyrus	Indianola
Mount, Frances,	Indianola
Noble, Merle	Indianola
Pace, Earl	New Market
Peasley, Hazel	Indianola
Perry, Gerald	Afton
Prall, Arthur	Carlisle
Randolph, Bessie	Indianola
Rea, Margaret	Corydon
Replogle, Leland	Red Oak
Riggle, Mardell	Truro
Roberts, Carl	Boone
Roe, Fitch	Carson
Scott, Flossie	Murray
Scott, Shirley	Orient
Selby, Caroline	Murray
Sell, Lucy	Van Wert
Shannon, Gaylord	Indianola
Shannon, Glover	Indianola
Shaver, Helen	Coon Rapids
Shaw, Eugenia	Corning
Shields, Lulu	Leon
Shipman, Ruth	Hastings
Shore, Bessie	Russell
Simpson, Frederick	Shenandoah
Slocum, Olive	Indianola
Sones, Jasper	Indianola
Spaulding, Guy	Afton
Sperow, Wendell	Carlisle
Sprague, Harold	Indianola
Standing, Ellen	West Branch
Stone, Homer	Indianola
Stouffer, Stella	Colfax
Stratten, Marian	Indianola
Stump, Webb	Albia
Sweet, Florence	Woodbine
Thoe, Irwin	Lake Mills
Tilley, Ada	Indianola
Tilley, Marguerite	Indianola
Tilley, Paul	Indianola
Tinsley, Genevieve	Harlan
Trueblood, Ethel	Indianola
Truitt, Hazel	Indianola
Trumbo, Glen	Indianola
Trumbo, Grace	Indianola
Tucker, Louis	Chicago
Wakeman, Alfred	Bedford
Walburn, Aubrey	Carlisle
Wallace, Bryan	Menlo
Weldin, Clyde	Indianola
Wessling, Gladys	Grand Junction
Westhaver, Effie	Murray
Wright, Agnes	Des Moines

Wright, Alice	Indianola
Young, Kathryn	Sac City

ACADEMY.

FOURTH YEAR.

Allen, Ruth	Russell
Ballenger, Nellie	Coin
Bennum, Gladys	Coffey, Mo.
Buchtel, Dale	Coin
Buchtel, Dwight	Coin
Dewey, Rena	Murray
Fitzgerald, Gazelle	Boone
Goodale, Earl	Diagonal
Hughes, Grace	Norwalk
Harris, Bert J.	Hancock
Johnson, A. Carl	Indianola
King, Walter H.	Van Wert
Lake, Corda	New Market
Malony, George	Red Oak
Means, Roy	Nodaway
Minnich, Blanche	Indianola
Montague, Raymond	Northboro
Morris, Sydney	Commerce
Parker, Harry	Derby
Payton, Ira	Dexter
Phillips, Ada	Indianola
Prendergast, George	Hancock
Stephens, Walter	Des Moines
Tennant, Joyce	Riverton
Whitaker, Edith	Menlo
Woolston, Nellie	Rushville
Young, Gayle	Indianola

THIRD YEAR.

Blauer, Jesse J.	Brush, Colo.
Bott, Percey	Murray
Copeland, Will	Woodbine
Lyle, Bret O.	Indianola
Minnich, Sheldon	Indianola
Swisher, Gertrude	Nodaway

UNDER THIRD YEAR.

Barton, Violet	Woodburn
Bates, Mabel	Indianola
Beck, John Q.	Indianola
Beck, Vera	Indianola
Bennett, Esther	Valley Junction
Boone, Laura	Valley Junction
Braucht, Lenora	New Virginia
Braucht, Ruth	New Virginia
Bracewell,Alva M.	Indianola

Brown, Victor	Villisca
Butler, Thomas	Indianola
Campbell, Isa	Ackworth
Carr, Jean	Minneapolis, Minn.
Cheshire, Manila	Northboro
Clarke, Morrill	Indianola
Clayburg, William F.	Indianola
Cooper, Frederick	6 Perry
Cree, Gladys,	Luther
Davis, Lois	Indianola
Dillon, Walter	Carlisle
Docker, Viola	Red Oak
Else, Cassie	Villisca
Gregory, Lucetta	Indianola
Hamilton, Benjamin	Indianola
Hartsook, Lyle	Winterset
Henry, Arthur	Indianola
How, Wilfred	Indianola
Lynn, Benjamin	Woodburn
Lynn, Mabel	Woodburn
McGee, Hazel	Indianola
Machlin, J. Howard	Indianola
Marquis, Freeman	Woodburn
Marquis, Goldie	Woodburn
May, Elva	Indianola
Newman, Mary	Adair
Painter, Dayton	Lorimor
Peters, Dorothy	Menlo
Read, Joy	Carson
Reed, Florence	Carlisle
Reynolds, Don	Carlisle
Reynolds, Lulu	Exira
Rhoades, Clair	Mt. Ayr
Scott, Verna,	Northboro
Shore, Chester	Russell
Silcott, Ethel	Indianola
Spain, Anna	Churchville
Sumner, Anna Lee	New Virginia
Taylor, Roy	Nevinville
Vieth, Mae	Newton
Whipple, Eunice	Lewis
Wiedmann, Marie	Indianola

SPECIAL STUDENTS

Burns, Caroline	Indianola
Cline, Orlin	Indianola
Gardner, Everett	Indianola
Gilbert, Coy	Indianola
Gilliland, Ralph	Indianola
Graves, Seward	Indianola
Hamilton, Bessie	Indianola
Hewitt, Dean	Indianola
Hickman, Clarence	Indianola
Hickman, Elmer	Indianola

Holladay, Theodore	Indianola
Igo, Wilbur	Indianola
Jewett, Edward	Indianola
Johnson, Mildred	Indianola
Jones, Mildred	Indianola
Kent, Gage	Indianola
Long, Mae	Indianola
Lippincott, Olin	Indianola
McGee, Everett	Indianola
McGee, Ralph	Indianola
McGranahan, James	Indianola
Martin, Vera	Indianola
Morley, Arthur	Indianola
Morrison, Merrill	Indianola
Murphy, Grace	Indianola
Nichols, Ralph	Indianola
Peddicord, Warren	Indianola
Phillips, Russell	Indianola
Piffer, Frank	Indianola
Reddish, Garrett	Indianola
Shaw, Donald	Indianola
Shaw, Stewart	Indianola
Sheppard, Clyde	Mt. Ayr
Stacy, Ernest	Indianola
Storey, Dorothy	Indianola
Taylor, L. C.	Indianola
Taylor, John	Indianola
Walton, Frank	Indianola
Welcher, Irene	Indianola
Wilcox, Donald	Indianola
Williams, Floyd	Indianola

SCHOOL OF BUSINESS

Anderson, Neil	De Soto
Barker, Clare	Indianola
Beck, John	Indianola
Blattenberg, Clare	Indianola
Brennaman, Nellie	Grand River
Brown, Myrtle	Indianola
Burgess, William	Indianola
Butler, Thomas	Indianola
Chase, Josephine	Indianola
Cheshire, Manila	Northboro
Clayburg, William	Indianola
Clayton, Earl B.	Milo
Cleveland, Carl	Milo
Coryell, Rex	Indianola
Crabbe, Ernest	Indianola
Cuthbertson, Duncan	Indianola
Derr, Henry E.	Indianola
Dirrim, Earl	Stanton
Doty, C. Lyle	Indianola

Dunning, Rex	Indianola
Ensley, George	Chariton
Flannagan, Lois	Pleasantville
Flesher, Ray	Indianola
Gamble, Russell	Orient
Graves, Harold	Vermillion, S. D.
Griffith, Arthur	Des Moines
Haworth, Raymond	Indianola
Herring, Otis	Linden
Hewitt, Fern	Indianola
Hoffman, Martha	Leon
Howell, Orville	Winterset
Hull, Harry	Redding
Jordan, Ray	Riverton
Kelley, William	Mt. Ayr
King, Regna	Corydon
King, Walter	Van Wert
Kirkpatrick, Luzena	Milo
LeGore, Paul	Jefferson
Lynn, Benjamin	Woodburn
Lynn, Mabel	Woodburn
McDole, Lester	Indianola
Manker, Dean	Elliott
Martin, Claude	Osawattomie, Kansas
Miller, Joseph	Chinook, Mont.
Miller, Ruby,	Knoxville
Morton, Cyrus	Indianola
Orr, Carl	Indianola
Owens, George	Sand Springs, Mont.
Painter, Beulah	Lorimor
Painter, Dayton	Lorimor
Park, Osie	Indianola
Pendry, Louis	Indianola
Pennington, Will	Albia
Peterson, Carrie	West Bend
Prall, Arthur	Carlisle
Randolph, Bessie	Indianola
Reynolds, Don	Carlisle
Rhoades, Clair	Mt. Ayr
Scott, Verna	Northboro
Channon, Gaylord	Indianola
Shannon, Glover	Indianola
Silcott, Ethel	Indianola
Stannage, Lisle	Clarinda
Storey, Dorothy	Indianola
Stubbs, William	Riverton
Thoe, Irwin	Lake Mills
Traub, Abram	Indianola
Truit, Hazel	Indianola
Van der Meulen, Bertha	Indianola
Vieth, Mae	Newton
Walburn, Aubrey	Carlisle
Weldin, Clyde	Indianola

Wilhelm, Charles	Ellston
Williams, Solon	Indianola

CONSERVATORY OF MUSIC.

Anderson, Dorothe,	Clarinda
Anderson, Merrill	New Market
Enderson, Neil	De Soto
Applegate, Lulu	Guthrie Center
Baker, Florence	Corning
Banks, Noble	Gravity
Bates, Eula	Conway
Beery, Florence	Indianola
Bell, Elnora	New Market
Bishop, Lorna	Rockford
Boileau, Bessie	Red Oak
Boss, Elsie	Indianola
Boss, Waldo	Indianola
Boyer, Eva	Prescott
Brasher, Irma	Indianola
Brown, Elinor	Indianola
Burdette, Gladys	Humeston
Burdette, Rose	Creston
Burkett, Nona	Eagleville, Mo.
Buxton, Martha	Indianola
Carpenter, Katherine	Indianola
Carter, Lucile	Burlington Junction, Mo.
Clapp, Mrs. May	Long Beach, Calif.
Cline, Hazel	Indianola
Coffin, Dorothy	Indianola
Coffin, Eloisa	Indianola
Collicott, Fay,	Indianola
Copeland, Willie	Woodbine
Crammer, Wayne	Indianola
Cunningham, Fenner	Indianola
Cunningham, Floyd	Indianola
Cinningham, Oral	Indianola
Davis, Minnie	Fontanelle
Demorest, Lois	Indianola
Dickson, Lawrence	Maxwell
Dryden, Grace	Stockton, Kansas
Dudley, Harold	Indianola
Edwards, Iva	Griswold
Elliott, Edna	Seymour
Erwin, Ruth,	Indianola
Farley, Ardis	Indianola
Farley, Earl	Indianola
Farlow, Rosa	Indianola
Farlow, Ruby,	Indianola
Feldtmose, Peter	Indianola
Fenn, Velma	Carson
Finney, Nellaby	Des Moines
Fleetwood, Willis	Wayne, Nebr.

Gebert, Hariel	Denison
Goodman, Ethel	Coin
Gordon, Ronold	Indianola
Grace, Mabel	Diagonal
Griffith, Margaret	Des Moines
Gunn, Mae Belle	Colfax
Hall, Eunice	Sharpsburg
Halloway, Edith	Churdan
Hallowell, Ralph,	Melcher
Hallowell, Vera	Melcher
Hamilton, William	Indianola
Hardin, Elsie	Indianola
Hardin, Mabel	Indianola
Harris, Earl	Gravity
Henry, Harry	Van Meter
Henderson, John	Indianola
Hopper, Dorothy	Indianola
Huggins, Clytie	Indianola
Jackson, Jay B.	Orient
James, Helen	Durham
Jennings, Marion	Garden Grove
Johnson, Martha	Exira
Johnson, Myrtle	Gowrie
Johnson, Ross	Red Oak
Kaessner, Carl	Omaha, Nebr.
Keith, Cecil	Audubon
Kennedy, Lillian	Indianola
Kilpatrick, Bertha	Laurel, Mont.
Kimzey, Leta	Milo
Knight, Marion	Woodbine
Kraus, Alice	Manning
Labertew, Helen	Milo
Lake, Corda	New Market
Le Fevre, Helena	Indianola
Lewis, Norma	Atlantic
Leyden, Bessie	Manning
Lowden, Alma	Dexter
Lyman, Ethel	Nevada
McCoy, Harriet	Indianola
McNair, Vivian	Indianola
Machlin, J. Howard	Indianola
Mackoy, Ola	Farragut
Malony, George	Red Oak
Malony, Will	Red Oak
Manker, Dean	Elliott
Manker, Orville	Indianola
Mauer,.. Verna	Council Bluffs
Martin, Claude	Osawattomie, Kansas
Maurer, Frankie	Spencer
Maxwell, Alice	Mt. Ayr
Maxwell, Vera	Indianola
May, William	Mt. Ayr
Means, Roy	Nodaway
Meek, Joseph	Indianola

Miller, Joseph A.	Chinook, Mont.
Miller, Justin	Fontanelle
Miller, Patti	Indianola
Miller, Ruby	Knoxville
Minnich, Sheldon	Indianola
Mitchell, Morris	Indianola
Moles, Hazel	Bayard
Morlan, Everett	Indianola
Morley, Alice	Indianola
Morris, Lena	Derby
Nevius, Carl	Bedford
Nichols, Vida	Indianola
Owens, Richard	Council Bluffs
Painter, Beulah	Winterset
Parks, Kenneth	Council Bluffs
Phillips, Ada	Indianola
Phillips, Charlotte	Indianola
Phillips, Phyllis	Indianola
Pickard, Willard	Indianola
Porterfield, Lois	Indianola
Porterfield, Pauline	Indianola
Pote, Harold	Stuart
Price, Dorothy	Indianola
Rabuck, Beulah	Coon Rapids
Ragan, Leslie	Indianola
Ragan, Sylvia	Indianola
Reid, Alice	Bedford
Reid, Tom	Indianola
Reynolds, Lulu	Exira
Rhoades, Clair	Mt. Ayr
Ribbe, Gladys Smith	Indianola
Ribbe, John	Indianola
Risinger, Esther	Utica, Minn.
Robinson, Lena	Allerton
Rowe, Mary Jane	Indianola
Russell, Eva	Indianola
Schee, Jessie	Indianola
Schmidt, Tilda	Audubon
Scott, Flossie	Murray
Scott, Verna	Northboro
Scroggs, Harriet	Indianola
Seay, Winifred	Indianola
Seibold, Faith	Danbury
Selby, Caroline	Murray
Shaver, Helen	Coon Rapids
Sheets, Marie	Indianola
Shriver, Elizabeth	Indianola
Shriver, Gertrude	Indianola
Shoemaker, Maude	Decatur
Sigler, Helen	Indianola
Silliman, Doris	Winterset
Slocum, Olive	Indianola
Slocum, Vera	Indianola
Smith, Dwight	Indianola

Smith, Florence	Indianola
Smith, Harry	Lewis
Spaulding, Louise	Long Beach, Calif.
Sperow, Wendell	Carlisle
Spry, Estelle	Clarinda
Suman, Ralph	Indianola
Summers, Eula	Indianola
Swartzlander, Alice	Indianola
Sweet, Charlotte	Fontanelle
Sweet, Florence	Woodbine
Taylor, Roy	Nevinville
Tilley, Ada	Indianola
Tilley, Marguerite	Indianola
Tilley, Paul	Indianola
Tinsley, Genevieve	Harlan
Trexel, Bertha	Denison
Underwood, Gladys	Glenwood
Upfield, Bessie	Leon
Van Benthusan, Floy	Indianola
Vieth, Mae	Newton
Waechter, Rex	Indianola
Wakeman, Alfred	Bedford
Wallace, Madge	Benton
Weir, Mary	Indianola
Wessling, Gladys	Grand Junction
Westerlund, Geneva Elliott	Elliott
Whitaker, Edith	Menlo
White, Gladys	Indianola
White, Juanita	Indianola
Will, L. Fred	Des Moines
Williams, Hazel	Indianola
Willis, Carol	Red Oak
Wilt, Harold	Lenox
Winslow, Marie	Indianola
Wolverton, Mona	Indianola
Wolverton, T. J.	Indianola
Young, J. Wesley	Jerome, Ida.
Young, Kathryn	Sac City

SUMMER SCHOOL, ALL DEPARTMENTS.

Adams, Arthur	Indianola
Allen, Ruth	Russell
Allen, H. S.	Indianola
Baker, Elizabeth	Indianola
Barker, Edith	Indianola
Bates, Mabel	New Virginia
Beck, Blanche	Indianola
Beck, Vera	Indianola
Benway, Belle	Kellerton
Benway, Orpha	Kellerton
Bissett, Nellie	Milo
Brasher, Irma	Indianola

Braucht, Repha	Indianola
Braucht, Ruth	New Virginia
Burns, Caroline	Indianola
Carson, Ruth	Woodburn
Clanton, Flossie	Indianola
Clark, Olive	Indianola
Clayton, Blythe	Milo
Cue, Ruby	Indianola
Davis, Lois	Indianola
Doherty, Ida	Lacona
Downing, Winifred	Milo
Dyer, Ruth	Indianola
Ensley, Charles	Chariton
Fight, Carrie	Milo
Fight, Minnie	Milo
Fike, Fama Lucile	Chariton
Gardner, Opal	Carlisle
Giebrich, Lela	Indianola
Hamilton, Florence	Bancroft, Neb.
Hamilton, Iva	New Virginia
Hamilton, Rena	Milo
Hansell, Esther	Spring Hill
Hardin, Elsie	Indianola
Hardin, Mabel	Indianola
Harned, Rachel	Indianola
Hawkins, Bessie	Indianola
Hewitt, Ethel	Indianola
Hinrichs, Marie	Milo
Hopper, Byron	Indianola
Hopple, Lucile	Indianola
Jackson, Charles	Mt. Ayr
Kaesner, Carl	Omaha, Neb.
Kalina, Sylvia	Lacona
King, Walter	Van Wert
Lisle, Mildred	Panora
McClure, Gretchen	Indianola
McCoy, Harriet	Indianola
McCoy, Mary	Indianola
McElroy, Helen	Indianola
McFarland, Lulu	Lacona
McGee, Hazel	Indianola
McGranahan, Ethel	Indianola
McNair, Vivian	Indianola
Maxwell, Maude,	Carlisle
May, Bertha	Indianola
May, Elva	Indianola
Mays, Pauline	Indianola
Miles, Ruth	Milo
Miller, Roy	Indianola
Miller, Ruby	Knoxville
Moffitt, William	Ackworth
Moore, Ruby,	Indianola
Morley, Herbert	Indianola
Motherhead, Maude	Milo

Mott, Mildred	Marengo
Neal, Agnes	New Virginia
Neideigh, Mae	Winterset
Noble, Anna	Indianola
Oxenreider, Daisy	Lacona
Painter, Maude	Lewis
Phillips, Ada	Indianola
Phillips, Charlotte	Indianola
Porterfield, Pauline	Indianola
Price, Dorothy	Indianola
Puderbaugh, Opal	Seymour
Riggs, Ada	Lacona
Rush, Mae	Indianola
Russell, Eva	Indianola
Samson, Emory	Des Moines
Seay, Winifred	Indianola
Sell, Lucy	Van Wert
Shaw, Ernest	Indianola
Shoop, Zelma	Abingdon, Ill.
Smith, Howard	Indianola
Smith, Lulu	Carlisle
Smith, Ralph	Indianola
Spain, Anna	Norwalk
Stemm, Leta	Lacona
Stemm, Maggie	Lacona
Stephens, Walter	Des Moines
Summers, Eula	Indianola
Swartzlander, Alice	Indianola
Thompson, Amber	New Virginia
Thompson, Ella	Indianola
Tow, Gertrude	Primghar
Townsend, Walter	Indianola
Tucker, Helen	Indianola
Van Tress, Edna	Lacona
Wells, Gail	Chariton
Wheeler, Alice	Indianola
Woods, Cecil	Indianola
Woods, Ola	Woodburn
Wycoff, Ray	Indianola
Young, Gladys	Indianola

Summary

	Men		Women		Total	
COLLEGE OF LIBERAL ARTS.						
Seniors	25		26		51	
Juniors	33		40		73	
Sophomores	47		41		88	
Freshmen	59	164	61	168	120	332
THE ACADEMY.						
Fourth Year	15		11		26	
Third Year	5		1		6	
Below Third Year	21	41	30	42	51	83
OTHER DEPARTMENTS.						
Specials	32		9		41	
School of Business	53		21		74	
Conservatory of Music	59		135		194	
Summer School, 1915	18	162	88	253	106	415
Grand Total		367		463		830
Counted more than once		91		100		191
Net Total		276		363		639

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